* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK

Conxall's Sensor-Link series includes the Mini-Mizer, AC Micro-Mizer, DC Micro-Mizer and the Nano-Mizer product lines, which are overmolded cable assemblies. The overmolding process provides for environmental sealing and strain relief for flexing applications.

Designed to meet or exceed the requirements of UL, CSA, NEMA, ANSI, IEC and SAE, the Sensor-Link series is intermateable and intermountable with other manufacturers equivalents. Conxall's strength is the combination of application experience and internal manufacturing capabilities that provide the knowledge and flexibility to meet and exceed the expectations of our customers.

Originally developed as an interconnect for a variety of sensoring devices, the Sensor-Link series has found a wide range of applications as a general disconnect. Our exceptional quality, service and cost effectiveness makes Sensor-Link series the logical choice.

In our ongoing effort to expand our product offering, we are introducing our Mini and DC Micro Multi-Port box series, Micro/Mini LEDs, Die Block Connectors, and Shielded Nano-Mizer assemblies. Conxall's goal is to be a full service supplier to the sensor market.

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### Warranty

CONXALL® Corp. manufactures the finest quality products available to the marketplace. However, these products are intended to be used in accordance with the specifications described in this catalog. Any use or application that deviates from the stated operating specifications is not recommended and may be unsafe. A limited warranty applies to all CONXALL® Corp. products. Except for obligations specifically assumed by CONXALL® Corp. under warranty, CONXALL® Corp. will not be liable for any loss, damage, cost of repairs, incidental or consequential damages of any kind whether or not based upon expressed or implied warranty, contract, negligence, or strict liability arising in connection with the design, manufacture, sale, use or repair of the products.

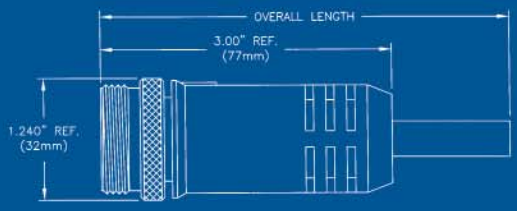
All drawings contained in this document are for representational purposes only, and should not be for used final specifications or engineering.

* Please visit the product pages on our website for the most up-to-date product information

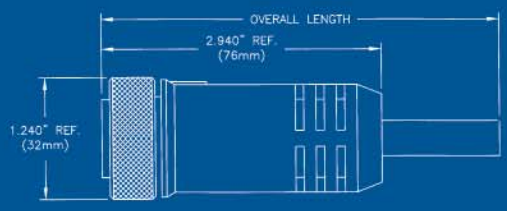
# SENSOR-LINK
# MINI-MIZER® "C" Size

## MOLDED CONNECTOR ASSEMBLIES

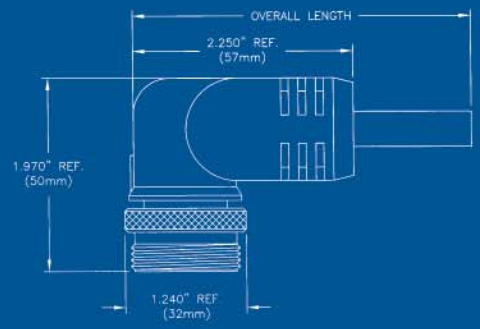
### STRAIGHT INLINE SINGLE ENDED



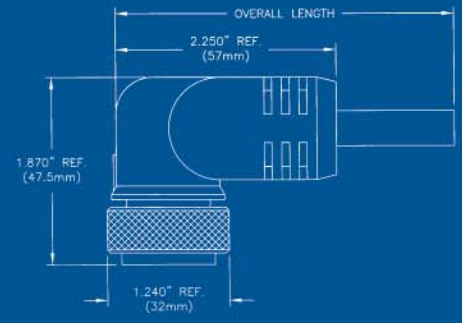

### STRAIGHT SINGLE ENDED




### 90° INLINE SINGLE ENDED

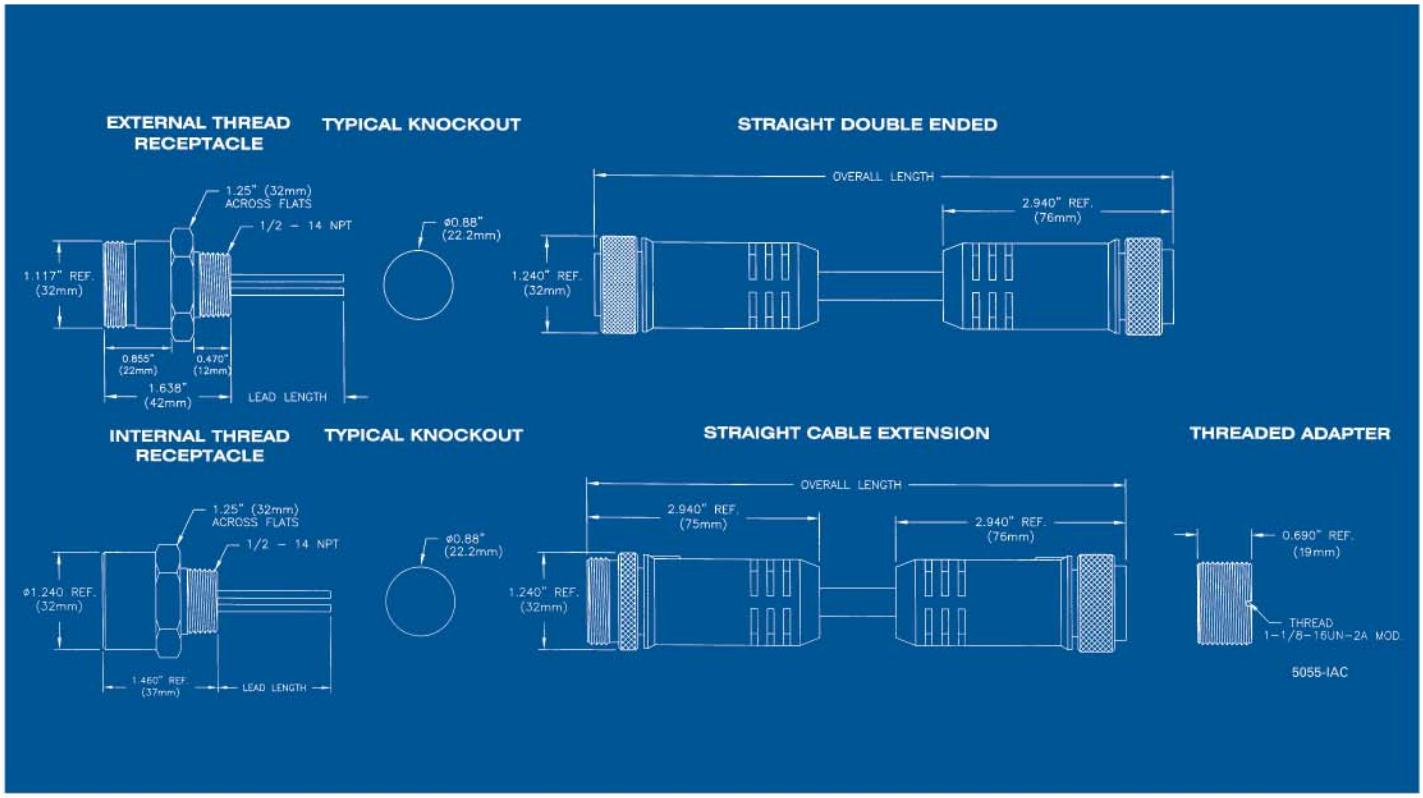



### 90° SINGLE ENDED




| Face View Male | Rating | Overall Length Inches | Straight Male Single Ended | Straight Female Single Ended | 90° Male Single Ended | 90° Female Single Ended | Straight Inline Male Single Ended | Straight Inline Female Single Ended |
|---|---|---|---|---|---|---|---|---|
| | 7A 600V | 36 | 169P36 | 169S36 | 189P36 | 189S36 | 199P36 | 199S36 |
| | | 72 | 169P72 | 169S72 | 189P72 | 189S72 | 199P72 | 199S72 |
| | | 144 | 169P144 | 169S144 | 189P144 | 189S144 | 199P144 | 199S144 |
| | | Custom | 169PXXXX | 169SXXXX | 189PXXXX | 189SXXXX | 199PXXXX | 199SXXXX |
| | 7A 600V | 36 | 1610P36 | 1610S36 | 1810P36 | 1810S36 | 1910P36 | 1910S36 |
| | | 72 | 1610P72 | 1610S72 | 1810P72 | 1810S72 | 1910P72 | 1910S72 |
| | | 144 | 1610P144 | 1610S144 | 1810P144 | 1810S144 | 1910P144 | 1910S144 |
| | | Custom | 1610PXXXX | 1610SXXXX | 1810PXXXX | 1810SXXXX | 1910PXXXX | 1910SXXXX |
| | 7A 600V | 36 | 1612P36 | 1612S36 | 1812P36 | 1812S36 | 1912P36 | 1912S36 |
| | | 72 | 1612P72 | 1612S72 | 1812P72 | 1812S72 | 1912P72 | 1912S72 |
| | | 144 | 1612P144 | 1612S144 | 1812P144 | 1812S144 | 1912P144 | 1912S144 |
| | | Custom | 1612PXXXX | 1612SXXXX | 1812PXXXX | 1812SXXXX | 1912PXXXX | 1912SXXXX |
| | 5A 600V | 36 | 1619P36 | 1619S36 | 1819P36 | 1819S36 | 1919P36 | 1919S36 |
| | | 72 | 1619P72 | 1619S72 | 1819P72 | 1819S72 | 1919P72 | 1919S72 |
| | | 144 | 1619P144 | 1619S144 | 1819P144 | 1819S144 | 1919P144 | 1919S144 |
| | | Custom | 1619PXXXX | 1619SXXXX | 1819PXXXX | 1819SXXXX | 1919PXXXX | 1919SXXXX |

XXXX – Indicates "overall length / lead length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.
90° assemblies have key position at 12 o'clock.

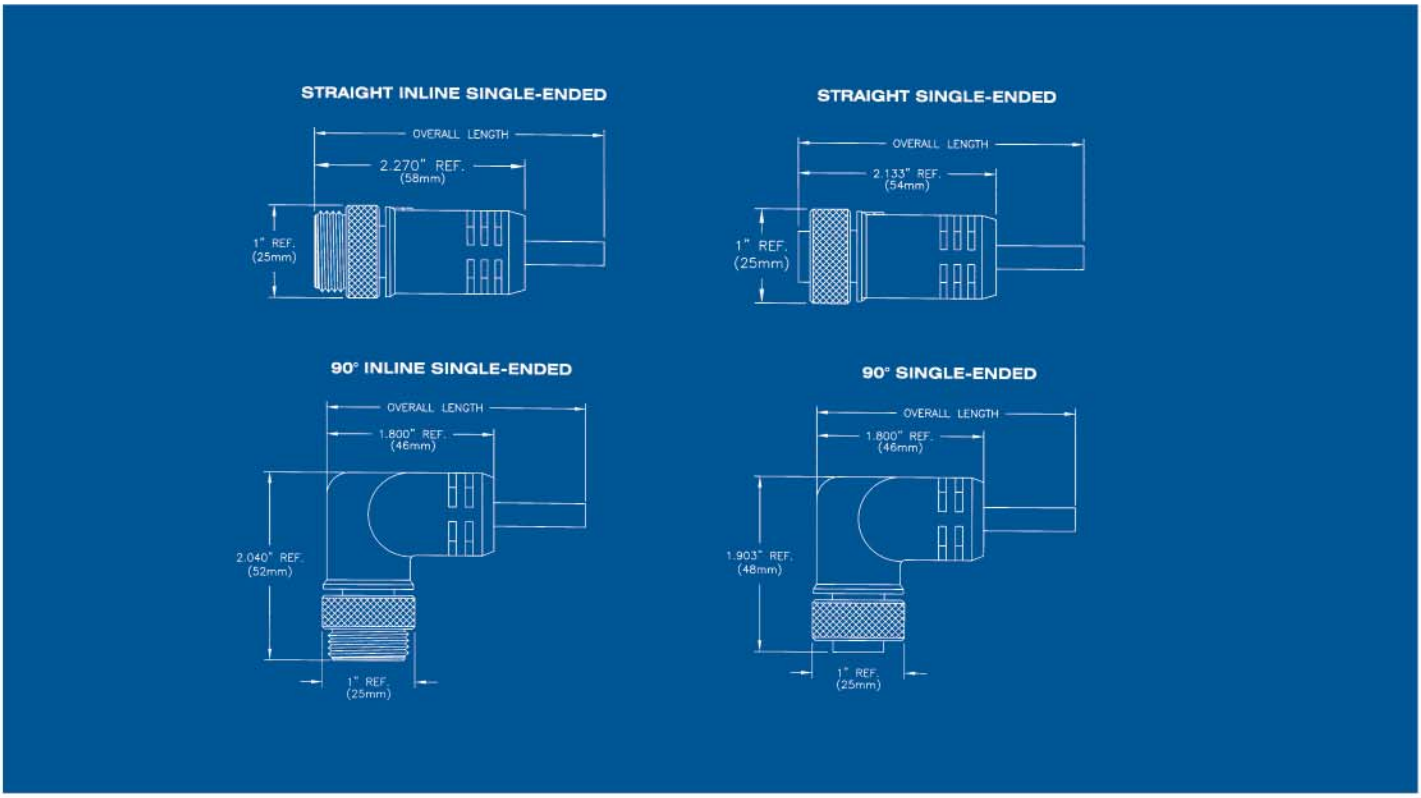



| Externally Threaded Receptacle Male 12 Inch Leads | Externally Threaded Receptacle Female 12 Inch Leads | Internally Threaded Receptacle Male 12 Inch Leads | Internally Threaded Receptacle Female 12 Inch Leads | Straight Male /Male Double Ended | Straight Female /Female Double Ended | Straight Male /Female Double Ended | Extension Set Inline Male/Female Double Ended | Extension Set Inline Female/Male Double Ended |
|---|---|---|---|---|---|---|---|---|
| | | | | 569P9P36 | 569S9S36 | 569P9S36 | 519P9S36 | 519S9P36 |
| 179P12 | 179S12 | 179PN12 | 179SN12 | 569P9P72 | 569S9S72 | 569P9S72 | 519P9S72 | 519S9P72 |
| | | | | 569P9P144 | 569S9S144 | 569P9S144 | 519P9S144 | 519S9P144 |
| 179PXXX | 179SXXX | 179PNXXX | 179SNXXX | 569P9PXXXX | 569S9SXXXX | 569P9SXXXX | 519P9SXXXX | 519S9PXXXX |
| | | | | 5610P10P36 | 5610S10S36 | 5610P10S36 | 5110P10S36 | 5110S10P36 |
| 1710P12 | 1710S12 | 1710PN12 | 1710SN12 | 5610P10P72 | 5610S10S72 | 5610P10S72 | 5110P10S72 | 5110S10P72 |
| | | | | 5610P10P144 | 5610S10S144 | 5610P10S144 | 5110P10S144 | 5110S10P144 |
| 1710PXXX | 1710SXXX | 1710PNXXX | 1710SNXXX | 5610P10PXXXX | 5610S10SXXXX | 5610P10SXXXX | 5110P10SXXXX | 5110S10PXXXX |
| | | | | 5612P12P36 | 5612S12S36 | 5612P12S36 | 5112P12S36 | 5112S12P36 |
| 1712P12 | 1712S12 | 1712PN12 | 1712SN12 | 5612P12P72 | 5612S12S72 | 5612P12S72 | 5112P12S72 | 5112S12P72 |
| | | | | 5612P12P144 | 5612S12S144 | 5612P12S144 | 5112P12S144 | 5112S12P144 |
| 1712PXXX | 1712SXXX | 1712PNXXX | 1712SNXXX | 5612P12PXXXX | 5612S12SXXXX | 5612P12SXXXX | 5112P12SXXXX | 5112S12PXXXX |
| | | | | 5619P19P36 | 5619S19S36 | 5619P19S36 | 5119P19S36 | 5119S19P36 |
| 1719P12 | 1719S12 | 1719PN12 | 1719SN12 | 5619P19P72 | 5619S19S72 | 5619P19S72 | 5119P19S72 | 5119S19P72 |
| | | | | 5619P19P144 | 5619S19S144 | 5619P19S144 | 5119P19S144 | 5119S19P144 |
| 1719PXXX | 1719SXXX | 1719PNXXX | 1719SNXXX | 5619P19PXXXX | 5619S19SXXXX | 5619P19SXXXX | 5119P19SXXXX | 5119S19PXXXX |

XXXX – Indicates "overall length / lead length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.

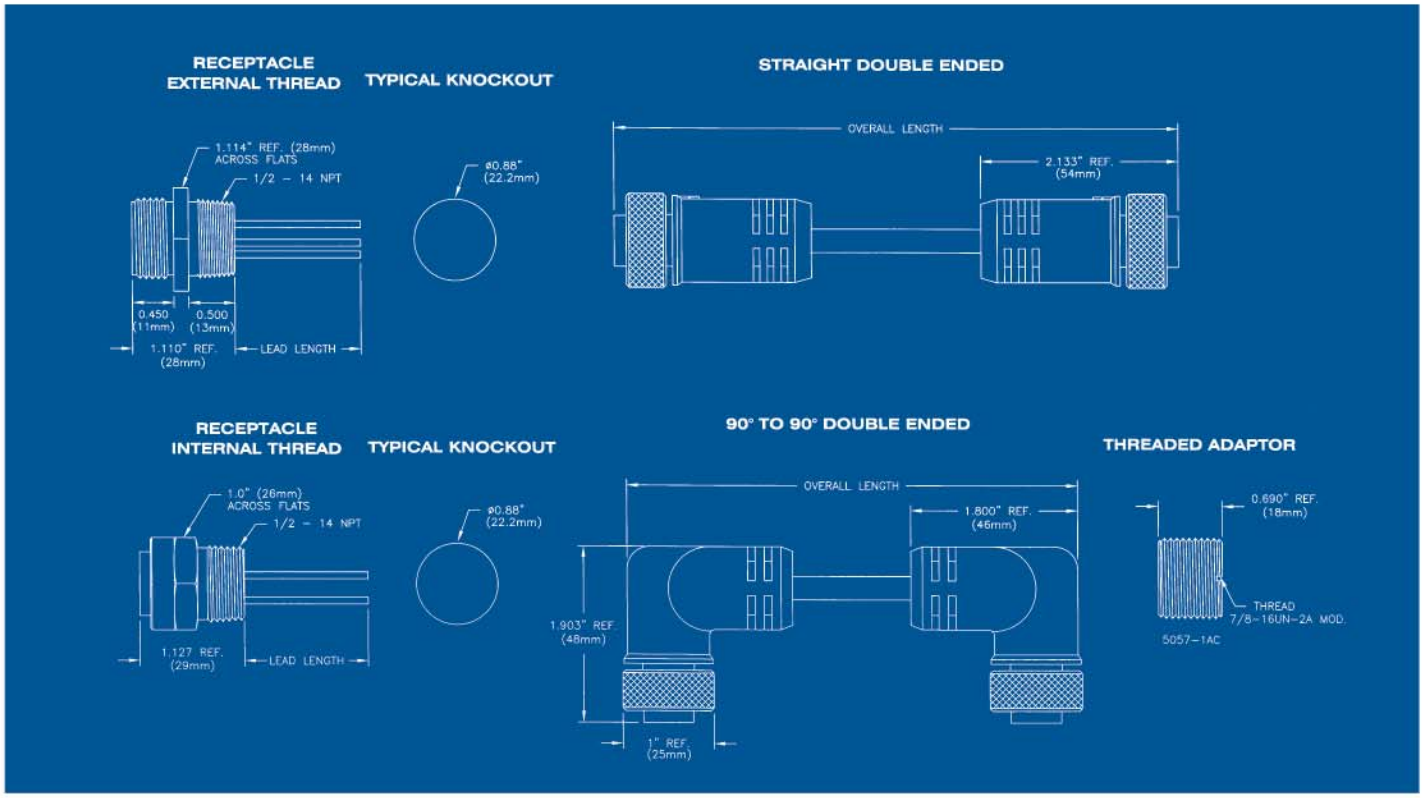
* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MINI-MIZER® "A" Size
## MOLDED CONNECTOR ASSEMBLIES




| Face View Male | Rating | Overall Length Inches | Straight Male Single Ended | Straight Female Single Ended | 90° Male Single Ended | 90° Female Single Ended | Straight Inline Male Single Ended | Straight Inline Female Single Ended | Externally Threaded Receptacle Male 12 Inch Leads |
|---|---|---|---|---|---|---|---|---|---|
| | 13A 600V | 36 | 162P36 | 162S36 | 182P36 | 182S36 | 192P36 | 192S36 | |
| | | 72 | 162P72 | 162S72 | 182P72 | 182S72 | 192P72 | 192S72 | 172P12 |
| | | 144 | 162P144 | 162S144 | 182P144 | 182S144 | 192P144 | 192S144 | |
| | | Custom | 162PXXXX | 162SXXXX | 182PXXXX | 182SXXXX | 192PXXXX | 192SXXXX | 172PXXX |
| | 13A 600V | 36 | 163P36 | 163S36 | 183P36 | 183S36 | 193P36 | 193S36 | |
| | | 72 | 163P72 | 163S72 | 183P72 | 183S72 | 193P72 | 193S72 | 173P12 |
| | | 144 | 163P144 | 163S144 | 183P144 | 183S144 | 193P144 | 193S144 | |
| | | Custom | 163PXXXX | 163SXXXX | 183PXXXX | 183SXXXX | 193PXXXX | 193SXXXX | 173PXXX |
| | 10A 600V | 36 | 164P36 | 164S36 | 184P36 | 184S36 | 194P36 | 194S36 | |
| | | 72 | 164P72 | 164S72 | 184P72 | 184S72 | 194P72 | 194S72 | 174P12 |
| | | 144 | 164P144 | 164S144 | 184P144 | 184S144 | 194P144 | 194S144 | |
| | | Custom | 164PXXXX | 164SXXXX | 184PXXXX | 184SXXXX | 194PXXXX | 194SXXXX | 174PXXX |
| | 8A 600V | 36 | 165P36 | 165S36 | 185P36 | 185S36 | 195P36 | 195S36 | |
| | | 72 | 165P72 | 165S72 | 185P72 | 185S72 | 195P72 | 195S72 | 175P12 |
| | | 144 | 165P144 | 165S144 | 185P144 | 185S144 | 195P144 | 195S144 | |
| | | Custom | 165PXXXX | 165SXXXX | 185PXXXX | 185SXXXX | 195PXXXX | 195SXXXX | 175PXXX |
| | 8A 600V | 36 | 166P36 | 166S36 | 186P36 | 186S36 | 196P36 | 196S36 | |
| | | 72 | 166P72 | 166S72 | 186P72 | 186S72 | 196P72 | 196S72 | 176P12 |
| | | 144 | 166P144 | 166S144 | 186P144 | 186S144 | 196P144 | 196S144 | |
| | | Custom | 166PXXXX | 166SXXXX | 186PXXXX | 186SXXXX | 196PXXXX | 196SXXXX | 176PXXX |

XXXX – Indicates "overall length / lead length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.
90° assemblies have key position at 12 o'clock.



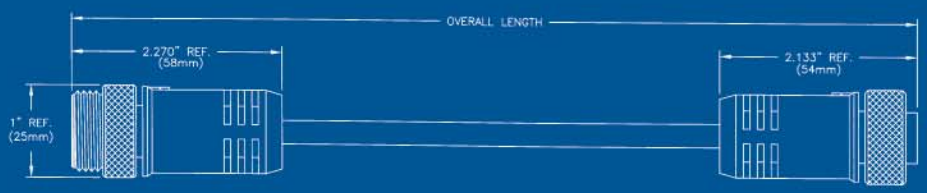

| Externally Threaded Receptacle Female 12 Inch Leads | Internally Threaded Receptacle Male 12 Inch Leads | Internally Threaded Receptacle Female 12 Inch Leads | Straight Male /Male Double Ended | Straight Female /Female Double Ended | Straight Male /Female Double Ended | 90° Male /Male Double Ended | 90° Female /Female Double Ended | 90° Male /Female Double Ended |
|---|---|---|---|---|---|---|---|---|
| | | | 562P2P36 | 562S2S36 | 562P2S36 | 542P2P36 | 542S2S36 | 542P2S36 |
| 172S12 | 172PN12 | 172SN12 | 562P2P72 | 562S2S72 | 562P2S72 | 542P2P72 | 542S2S72 | 542P2S72 |
| | | | 562P2P144 | 562S2S144 | 562P2S144 | 542P2P144 | 542S2S144 | 542P2S144 |
| 172SXXX | 172PNXXX | 172SNXXX | 562P2PXXXX | 562S2SXXXX | 562P2SXXXX | 542P2PXXXX | 542S2SXXXX | 542P2SXXXX |
| | | | 563P3P36 | 563S3S36 | 563P3S36 | 543P3P36 | 543S3S36 | 543P3S36 |
| 173S12 | 173PN12 | 173SN12 | 563P3P72 | 563S3S72 | 563P3S72 | 543P3P72 | 543S3S72 | 543P3S72 |
| | | | 563P3P144 | 563S3S144 | 563P3S144 | 543P3P144 | 543S3S144 | 543P3S144 |
| 173SXXX | 173PNXXX | 173SNXXX | 563P3PXXXX | 563S3SXXXX | 563P3SXXXX | 543P3PXXXX | 543S3SXXXX | 543P3SXXXX |
| | | | 564P4P36 | 564S4S36 | 564P4S36 | 544P4P36 | 544S4S36 | 544P4S36 |
| 174S12 | 174PN12 | 174SN12 | 564P4P72 | 564S4S72 | 564P4S72 | 544P4P72 | 544S4S72 | 544P4S72 |
| | | | 564P4P144 | 564S4S144 | 564P4S144 | 544P4P144 | 544S4S144 | 544P4S144 |
| 174SXXX | 174PNXXX | 174SNXXX | 564P4PXXXX | 564S4SXXXX | 564P4SXXXX | 544P4PXXXX | 544S4SXXXX | 544P4SXXXX |
| | | | 565P5P36 | 565S5S36 | 565P5S36 | 545P5P36 | 545S5S36 | 545P5S36 |
| 175S12 | 175PN12 | 175SN12 | 565P5P72 | 565S5S72 | 565P5S72 | 545P5P72 | 545S5S72 | 545P5S72 |
| | | | 565P5P144 | 565S5S144 | 565P5S144 | 545P5P144 | 545S5S144 | 545P5S144 |
| 175SXXX | 175PNXXX | 175SNXXX | 565P5PXXXX | 565S5SXXXX | 565P5SXXXX | 545P5PXXXX | 545S5SXXXX | 545P5SXXXX |
| | | | 566P6P36 | 566S6S36 | 566P6S36 | 546P6P36 | 546S6S36 | 546P6S36 |
| 176S12 | 176PN12 | 176SN12 | 566P6P72 | 566S6S72 | 566P6S72 | 546P6P72 | 546S6S72 | 546P6S72 |
| | | | 566P6P144 | 566S6S144 | 566P6S144 | 546P6P144 | 546S6S144 | 546P6S144 |
| 176SXXX | 176PNXXX | 176SNXXX | 566P6PXXXX | 566S6SXXXX | 566P6SXXXX | 546P6PXXXX | 546S6SXXXX | 546P6SXXXX |

XXXX – Indicates "overall length / lead length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.
90° assemblies have key position at 12 o'clock.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MINI-MIZER® "A" Size
## MOLDED CONNECTOR ASSEMBLIES

### STRAIGHT EXTENSION SET

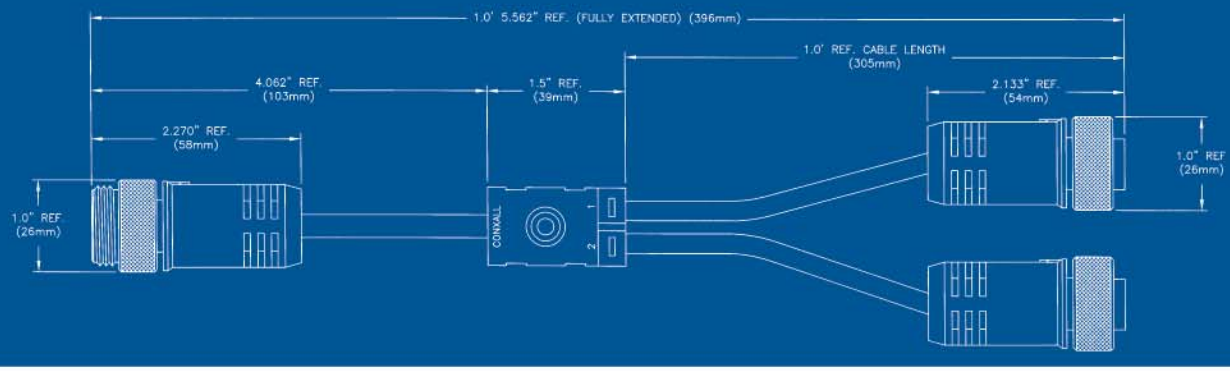


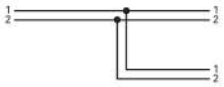
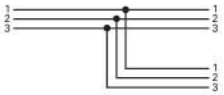
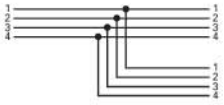
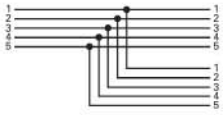
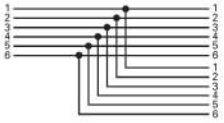

### STRAIGHT TO 90° DOUBLE ENDED

| Face View Male | Rating | Overall Length Inches | Straight Extension Set Inline Male /Female Double Ended | Straight Extension Set Inline Female /Male Double Ended | Straight to 90° Male /Male Double Ended | Straight to 90° Female /Female Double Ended | Straight to 90° Male /Female Double Ended | Straight to 90° Female /Male Double Ended |
|---|---|---|---|---|---|---|---|---|
| | 13A 600V | 36 | 512P2S36 | 512S2P36 | 552P2P36 | 552S2S36 | 552P2S36 | 552S2P36 |
| | | 72 | 512P2S72 | 512S2P72 | 552P2P72 | 552S2S72 | 552P2S72 | 552S2P72 |
| | | 144 | 512P2S144 | 512S2P144 | 552P2P144 | 552S2S144 | 552P2S144 | 552S2P144 |
| | | Custom | 512P2SXXXX | 512S2PXXXX | 552P2PXXXX | 552S2SXXXX | 552P2SXXXX | 552S2PXXXX |
| | 13A 600V | 36 | 513P3S36 | 513S3P36 | 553P3P36 | 553S3S36 | 553P3S36 | 553S3P36 |
| | | 72 | 513P3S72 | 513S3P72 | 553P3P72 | 553S3S72 | 553P3S72 | 553S3P72 |
| | | 144 | 513P3S144 | 513S3P144 | 553P3P144 | 553S3S144 | 553P3S144 | 553S3P144 |
| | | Custom | 513P3SXXXX | 513S3PXXXX | 553P3PXXXX | 553S3SXXXX | 553P3SXXXX | 553S3PXXXX |
| | 10A 600V | 36 | 514P4S36 | 514S4P36 | 554P4P36 | 554S4S36 | 554P4S36 | 554S4P36 |
| | | 72 | 514P4S72 | 514S4P72 | 554P4P72 | 554S4S72 | 554P4S72 | 554S4P72 |
| | | 144 | 514P4S144 | 514S4P144 | 554P4P144 | 554S4S144 | 554P4S144 | 554S4P144 |
| | | Custom | 514P4SXXXX | 514S4PXXXX | 554P4PXXXX | 554S4SXXXX | 554P4SXXXX | 554S4PXXXX |
| | 8A 600V | 36 | 515P5S36 | 515S5P36 | 555P5P36 | 555S5S36 | 555P5S36 | 555S5P36 |
| | | 72 | 515P5S72 | 515S5P72 | 555P5P72 | 555S5S72 | 555P5S72 | 555S5P72 |
| | | 144 | 515P5S144 | 515S5P144 | 555P5P144 | 555S5S144 | 555P5S144 | 555S5P144 |
| | | Custom | 515P5SXXXX | 515S5PXXXX | 555P5PXXXX | 555S5SXXXX | 555P5SXXXX | 555S5PXXXX |
| | 8A 600V | 36 | 516P6S36 | 516S6P36 | 556P6P36 | 556S6S36 | 556P6S36 | 556S6P36 |
| | | 72 | 516P6S72 | 516S6P72 | 556P6P72 | 556S6S72 | 556P6S72 | 556S6P72 |
| | | 144 | 516P6S144 | 516S6P144 | 556P6P144 | 556S6S144 | 556P6S144 | 556S6P144 |
| | | Custom | 516P6SXXXX | 516S6PXXXX | 556P6PXXXX | 556S6SXXXX | 556P6SXXXX | 556S6PXXXX |

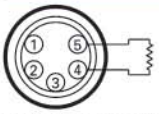
XXXX – Indicates "overall length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.
90° assemblies have key position at 12 o'clock.

## Y - SPLITTER




| Face View Male | Rating | Wiring Diagram | Cable Length Inches | Y-Splitter Female /Female Female | Y-Splitter Male /Female Female |
|---|---|---|---|---|---|
| | 10A 300V |  | 12 Custom | 592S2S2S12 592S2S2SXXX | 592P2S2S12 592P2S2SXXX |
| | 10A 300V |  | 12 Custom | 593S3S3S12 593S3S3SXXX | 593P3S3S12 593P3S3SXXX |
| | 8A 300V |  | 12 Custom | 594S4S4S12 594S4S4SXXX | 594P4S4S12 594P4S4SXXX |
| | 6A 300V |  | 12 Custom | 595S5S5S12 595S5S5SXXX | 595P5S5S12 595P5S5SXXX |
| | 6A 300V |  | 12 Custom | 596S6S6S12 596S6S6SXXX | 596P6S6S12 596P6S6SXXX |

For insert combinations not shown - consult factory.
XXX – Indicates "cable length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.

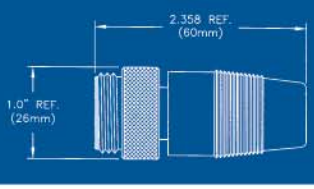
| Face View Male | Rating | Terminator Male | Terminator Female |
|---|---|---|---|
|  | 8A, 600V | 535P | 535S |

Consult factory for other insert configurations.

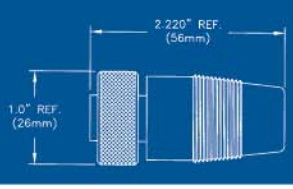
| Shorting Plug Male | Shorting Plug Female |
|---|---|
| 52XPYY | 52XSYY |

X indicates number of contacts
YY indicates shorting positions
Shorting plug utilizes a jumper wire (no resistor)

### TERMINATOR/SHORTING PLUG MALE



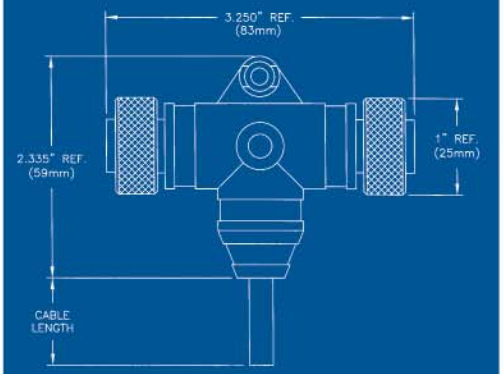

### TERMINATOR/SHORTING PLUG FEMALE

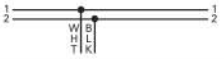
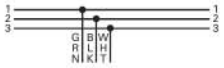


* Please visit the product pages on our website for the most up-to-date product information

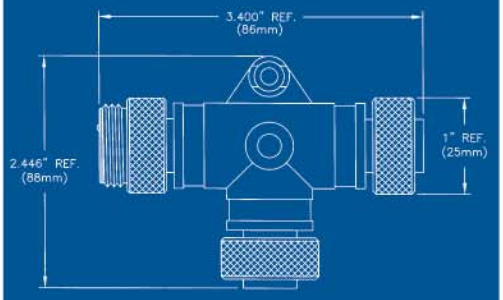
# SENSOR-LINK
# MINI-MIZER® "A" Size
## MOLDED CONNECTOR ASSEMBLIES

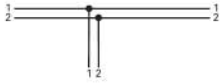
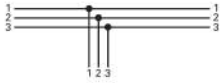
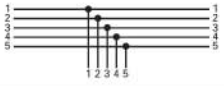
### DUAL-CONNECTOR FEMALE/FEMALE




| Face View Male | Rating | Wiring Diagram | Cable Length Inches | Dual Connector with Cable Male /Female | Dual Connector with Cable Female/Female |
|---|---|---|---|---|---|
| | 13A 600V |  | 36 Custom | 572P2S36 572P2SXXX | 572S2S36 572S2SXXX |
| | 13A 600V |  | 36 Custom | 573P3S36 573P3SXXX | 573S3S36 573S3SXXX |
| | 10A 600V | | 36 Custom | 574P4S36 574P4SXXX | 574S4S36 574S4SXXX |
| | 8A 600V | | 36 Custom | 575P5S36 575P5SXXX | 575S5S36 575S5SXXX |
| | 8A 600V | | 36 Custom | 576P6S36 576P6SXXX | 576S6S36 576S6SXXX |

### TRI-CONNECTOR MALE/FEMALE/FEMALE

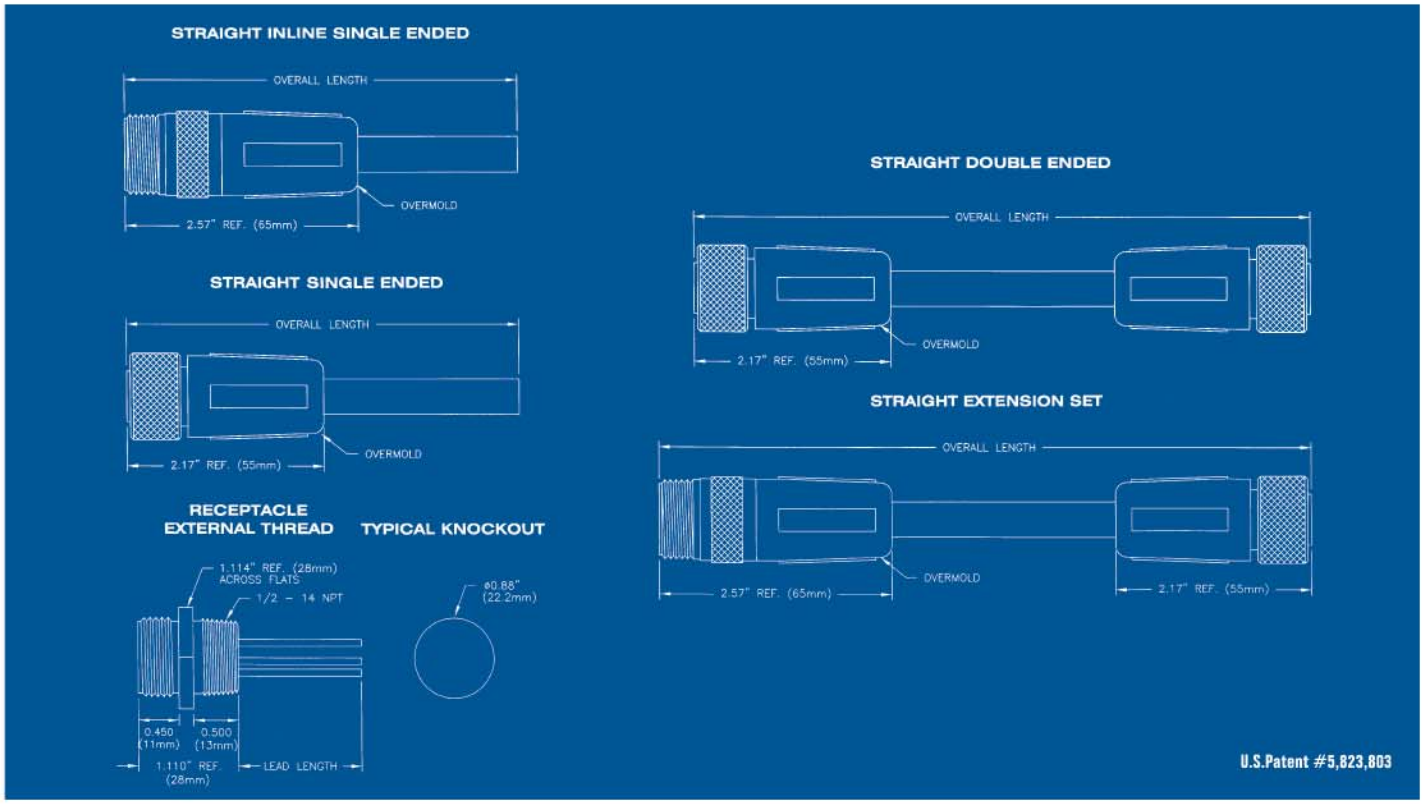



| Face View Male | Rating | Wiring Diagram | Tri-Connector Male /Female Female | Tri-Connector Female/Female Female |
|---|---|---|---|---|
| | 13A 600V |  | 582P2S2S | 582S2S2S |
| | 13A 600V |  | 583P3S3S | 583S3S3S |
| | 10A 600V | | 584P4S4S | 584S4S4S |
| | 8A 600V |  | 585P5S5S | 585S5S5S |
| | 8A 600V | | 586P6S6S | 586S6S6S |

XXX – Indicates "cable length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.
For insert combinations not shown - consult factory.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MINI-MIZER® "A" Size EMI/RFI SHIELDED
## MOLDED CONNECTOR ASSEMBLIES



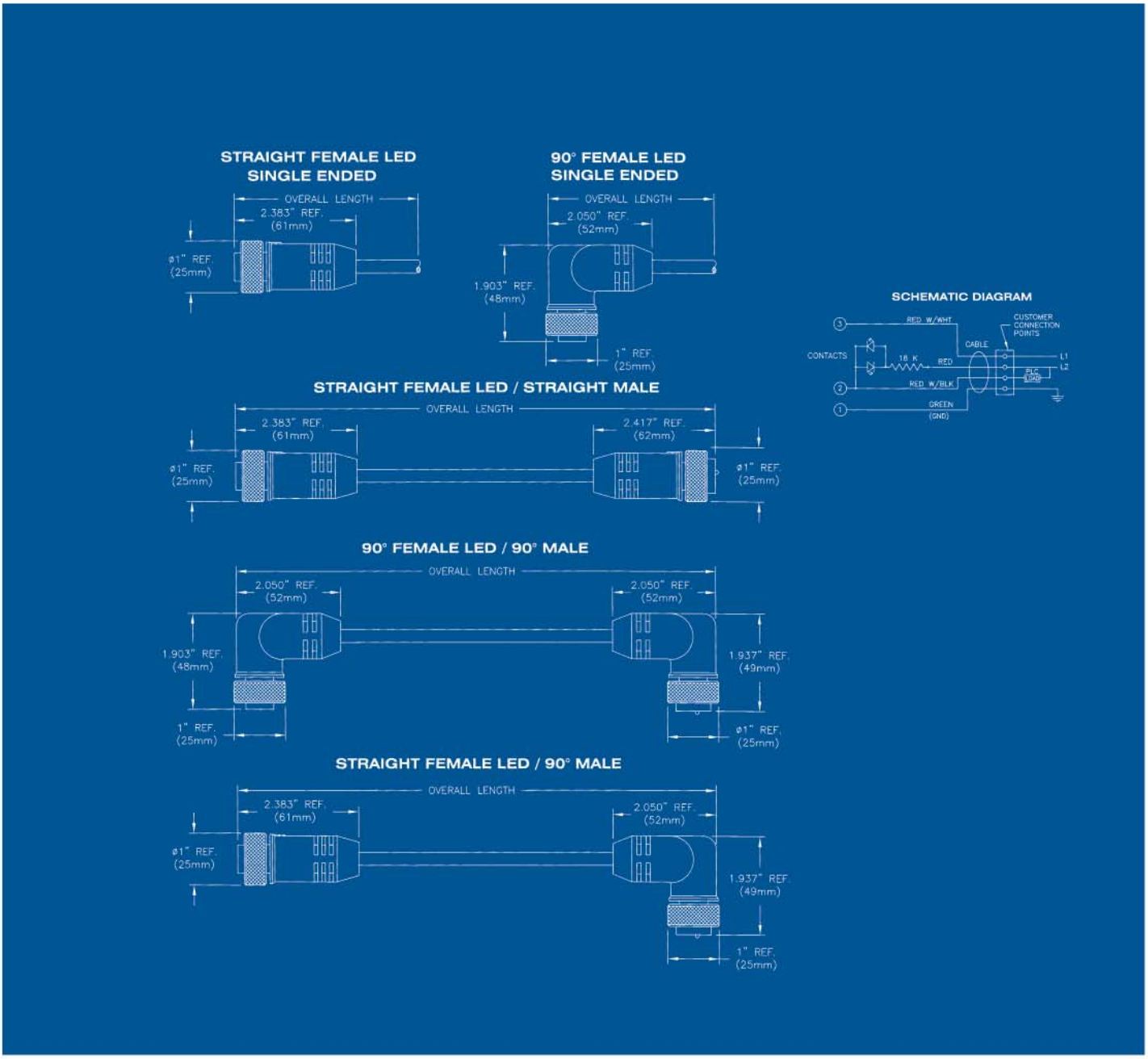

| Face View Male | Rating | Overall Length Inches | Straight Male or Female Single Ended | Straight Inline Male or Female Single Ended | Straight Extension Set Male or Female Double Ended | Straight Male or Female Double Ended | Receptacle Male or Female 12 Inch leads |
|---|---|---|---|---|---|---|---|
| | 13A 600V | 36 | SH162*36 | SH192*36 | SH512*2*36 | SH562*2*36 | |
| | | 72 | SH162*72 | SH192*72 | SH512*2*72 | SH562*2*72 | SH172*12 |
| | | 144 | SH162*144 | SH192*144 | SH512*2*144 | SH562*2*144 | |
| | | Custom | SH162*XXXX | SH192*XXXX | SH512*2*XXXX | SH562*2*XXXX | SH172*XXX |
| | 13A 600V | 36 | SH163*36 | SH193*36 | SH513*3*36 | SH563*3*36 | |
| | | 72 | SH163*72 | SH193*72 | SH513*3*72 | SH563*3*72 | SH173*12 |
| | | 144 | SH163*144 | SH193*144 | SH513*3*144 | SH563*3*144 | |
| | | Custom | SH163*XXXX | SH193*XXXX | SH513*3*XXXX | SH563*3*XXXX | SH173*XXX |
| | 10A 600V | 36 | SH164*36 | SH194*36 | SH514*4*36 | SH564*4*36 | |
| | | 72 | SH164*72 | SH194*72 | SH514*4*72 | SH564*4*72 | SH174*12 |
| | | 144 | SH164*144 | SH194*144 | SH514*4*144 | SH564*4*144 | |
| | | Custom | SH164*XXXX | SH194*XXXX | SH514*4*XXXX | SH564*4*XXXX | SH174*XXX |
| | 8A 600V | 36 | SH165*36 | SH195*36 | SH515*5*36 | SH565*5*36 | |
| | | 72 | SH165*72 | SH195*72 | SH515*5*72 | SH565*5*72 | SH175*12 |
| | | 144 | SH165*144 | SH195*144 | SH515*5*144 | SH565*5*144 | |
| | | Custom | SH165*XXXX | SH195*XXXX | SH515*5*XXXX | SH565*5*XXXX | SH175*XXX |
| | 8A 600V | 36 | SH166*36 | SH196*36 | SH516*6*36 | SH566*6*36 | |
| | | 72 | SH166*72 | SH196*72 | SH516*6*72 | SH566*6*72 | SH176*12 |
| | | 144 | SH166*144 | SH196*144 | SH516*6*144 | SH566*6*144 | |
| | | Custom | SH166*XXXX | SH196*XXXX | SH516*6*XXXX | SH566*6*XXXX | SH176*XXX |

"*" - Indicates Gender "P" = Male (Pins) or "S" = Female (Sockets).
XXXX – Indicates "overall length / cable length" in inches.
For mechanical, electrical and wiring sequence see pages 13-15.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MINI-MIZER® "A" Size LED Cordsets

## MOLDED CONNECTOR ASSEMBLIES




| Face View Female | Rating | Overall Length Inches | Straight Female LED Single Ended | 90° Female LED Single Ended | Straight Female LED/ Straight Male* | 90° Female LED/ 90° Male* | Straight Female LED/ 90° Male* |
|---|---|---|---|---|---|---|---|
| | 3A 120V | 36 | 163SL36 | 183SL36 | 563S4PL36 | 543S4PL36 | 553S4PL36 |
| | | 72 | 163SL72 | 183SL72 | 563S4PL72 | 543S4PL72 | 553S4PL72 |
| | | 144 | 163SL144 | 183SL144 | 563S4PL144 | 543S4PL144 | 553S4PL144 |
| | | Custom | 163SLXXXX | 183SLXXXX | 563S4PLXXXX | 543S4PLXXXX | 553S4PLXXXX |



*On side "B", the male insert has 4 positions.
XXXX – Indicates "overall length" in inches.
For mechanical and electrical specifications see pages 14 & 15.
90° assemblies have key position at 12 o'clock.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK MINI-MIZER®

## MOLDED CONNECTOR ASSEMBLIES

### STANDARD MINI-MIZER WIRING SEQUENCE

**Panel Mounts and Cable Assemblies Conductor Color Code per Contact Position:**

## INDUSTRIAL "A & C" Size

**2 CONTACTS**

| | |
|---|---|
| 1. | WHT |
| 2. | BLK |

**3 CONTACTS**

| | |
|---|---|
| 1. | (GROUND) GRN |
| 2. | BLK |
| 3. | WHT |

**4 CONTACTS**

| | |
|---|---|
| 1. | BLK |
| 2. | WHT |
| 3. | RED |
| 4. | (GROUND) GRN |

**5 CONTACTS**

| | |
|---|---|
| 1. | WHT |
| 2. | RED |
| 3. | (GROUND) GRN |
| 4. | ORG |
| 5. | BLK |

**6 CONTACTS**

| | |
|---|---|
| 1. | WHT |
| 2. | RED |
| 3. | (GROUND) GRN |
| 4. | ORG |
| 5. | BLK |
| 6. | BLU |

**9 CONTACTS**

| | |
|---|---|
| 1. | ORG |
| 2. | BLU |
| 3. | RED/BLK |
| 4. | GRN/BLK |
| 5. | WHT |
| 6. | RED |
| 7. | (GROUND) GRN |
| 8. | WHT/BLK |
| 9. | BLK |

**10 CONTACTS**

| | |
|---|---|
| 1. | ORG |
| 2. | BLU |
| 3. | WHT/BLK |
| 4. | RED/BLK |
| 5. | GRN/BLK |
| 6. | ORG/BLK |
| 7. | RED |
| 8. | (GROUND) GRN |
| 9. | BLK |
| 10. | WHT |

**12 CONTACTS**

| | |
|---|---|
| 1. | ORG |
| 2. | BLU |
| 3. | WHT/BLK |
| 4. | RED/BLK |
| 5. | GRN/BLK |
| 6. | ORG/BLK |
| 7. | BLU/BLK |
| 8. | BLK/WHT |
| 9. | (GROUND) GRN |
| 10. | RED |
| 11. | WHT |
| 12. | BLK |

**19 CONTACTS**

| | |
|---|---|
| 1. | VIO |
| 2. | RED |
| 3. | GRY |
| 4. | RED/BLU |
| 5. | BLU* |
| 6. | GRN |
| 7. | BRN* |
| 8. | WHT/GRN |
| 9. | WHT/YEL |
| 10. | WHT/GRY |
| 11. | BLK |
| 12. | (GROUND) GRN/YEL* |
| 13. | YEL/BRN |
| 14. | BRN/GRN |
| 15. | WHT |
| 16. | YEL/BRN |
| 17. | PNK |
| 18. | GRY/BRN |
| 19. | GRY/PNK |

* 18 AWG wires
(other wires are 22 AWG)

## AUTOMOTIVE "A" Size

**3 CONTACTS**

| | |
|---|---|
| 1. | (GROUND) GRN |
| 2. | RED 2 |
| 3. | RED 3 |

**4 CONTACTS**

| | |
|---|---|
| 1. | RED 1 |
| 2. | RED 2 |
| 3. | RED 3 |
| 4. | (GROUND) GRN |

**5 CONTACTS**

| | |
|---|---|
| 1. | RED 1 |
| 2. | RED 2 |
| 3. | (GROUND) GRN |
| 4. | RED 4 |
| 5. | RED 5 |

For Automotive Color Code Insert "**A**" 164P**A**36

## INTERNATIONAL "A" Size

**2 CONTACTS**

| | |
|---|---|
| 1. | BRN |
| 2. | BLU |

**3 CONTACTS**

| | |
|---|---|
| 1. | BLK |
| 2. | BRN |
| 3. | BLU |

**3 CONTACTS***

| | |
|---|---|
| 1. | GRN/YEL |
| 2. | BRN |
| 3. | BLU |

**4 CONTACTS**

| | |
|---|---|
| 1. | BLK |
| 2. | BLU |
| 3. | BRN |
| 4. | WHT |

**5 CONTACTS**

| | |
|---|---|
| 1. | BLK |
| 2. | BLU |
| 3. | GRN/YEL |
| 4. | BRN |
| 5. | WHT |

For International Color Code Insert "**I**" 164P**I**36

*For Second International Color Code Use "**IA**" 164P**IA**36

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK MINI-MIZER®

## MOLDED CONNECTOR ASSEMBLIES

**SENSOR LINK PRODUCT LINE**

## MINI-MIZER® SPECIFICATIONS

### STANDARD PANEL MOUNTS:
- 16 AWG, 105C, 600V, PVC Hook-up Wire
- EPTR "Santoprene" Insert
- Lead Length 12 In.
- Epoxy Filled

### STANDARD CABLE ASSEMBLIES:
- 16 AWG, PVC Yellow Jacketed Cable
- Insert Material
  - – Polyurethane ("A" Size)
  - – PVC ("C" Size)
- PVC Overmold
- Length 3, 6 and 12 Ft.

  *Options*
  - – 16 AWG, Polyurethane Yellow Jacketed Cable
    For Polyurethane Cable add suffix "U"
  - – 16 AWG, PVC & Polyurethane Yellow Jacketed Shielded Cable
    For Shielded Cable add suffix "S"
- Lengths other than standard
- DeviceNet Gray
  Add suffix "D1": Thin
  Add suffix "D2": Thick

### Y SPLITTER ASSEMBLIES:
- 18 AWG, Polyurethane Yellow Jacketed Cable
- Polyurethane Insert
- Polyurethane Overmold

### TRI CONNECTOR:
- 18 AWG Hook-up Wires
- Polyurethane Insert
- Polyurethane Overmold

  *Options*
  - – DeviceNet Gray
  Add suffix "D1": Thin
  Add suffix "D2": Thick

### DUAL CONNECTOR WITH CABLE:
- 18 AWG, Polyurethane Yellow Jacketed Cable
- Polyurethane Insert
- Polyurethane Overmold

### TERMINATOR:
- Resistor 1/4 Watt 121 Ohm 1%
- Polyurethane Insert
- Polyurethane Overmold

### LED CORDSET:
- 2 High Intensity (700-1,000 mcd) Extended Life Yellow LEDs. (Typical life @ ambient temperature is 100,000 hours)
- 18 AWG, PVC Yellow Jacketed Cable
- PVC Insert
- PVC, Clear Overmold (LED Side Only)

  *Options*
  - – 18 AWG, Polyurethane Yellow Jacketed Cable
  - – Polyurethane, Clear Overmold (LED Side Only)

* Please visit the product pages on our website for the most up-to-date product information

SENSOR LINK PRODUCT LINE

# MINI-MIZER® SPECIFICATIONS

## ELECTRICAL RATING:

**VOLTAGE:** 600V (NON-LED ASSEMBLIES)
120V (LED ASSEMBLIES)

## CABLE ASSEMBLIES:

**COUPLING NUT:** Anodized Aluminum (Optional Nylon and Stainless Steel) Consult Factory
**CONTACTS:** Copper Alloy, Gold-plated
**INSERT:** Polyurethane ("A" Size)
PVC ("C" Size)
**MOLDED HEADS:** PVC or PUR per Cable Jacket Material
**CABLE:** 16 AWG: PVC Insulated, Fine Stranded Copper Conductors, Yellow Oil Resistant PVC Jacketed
600V, STO, 105°C.
18 AWG, 300V, 105°C for Y-splitter & Dual Connector with Cable
UL Recognized, CSA Certified

## PANEL MOUNT ASSEMBLIES:

**SHELLS:** Anodized Aluminum (Optional Nylon and Stainless Steel) Consult Factory
**CONTACTS:** Copper Alloy, Gold-plated
**INSERTS:** Ethylene Propylene Thermoplastic Rubber "Santoprene"
**WIRE:** 16 AWG PVC Insulated, 600V
UL Recognized, CSA Certified

## ENVIRONMENTAL:

**PROTECTION:** NEMA 6P, IP67 & IP68
**OPERATING AMBIENT:** -20° to 80°C

## CERTIFICATIONS:

**UL:** UL Recognized, File No. E150822
**CSA:** CSA Certified, FILE No. 181200

## EMI/RFI SHIELDING:

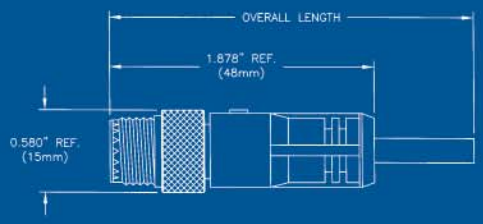
Meets or Exceeds IEC Directives:

| | |
|---|---|
| IEC 1000-4-2 | ESD, 5KV to 15KV in 2.5KV Steps |
| IEC 1000-4-3 | RFI Immunity, 10V/m |
| IEC 1000-4-4 | Fast Transient, 2K |
| IEC 1000-4-5 | Surge, DC Immunity, 3.1KV |
| EN50141 | Induced RF Immunity, 10V/m |

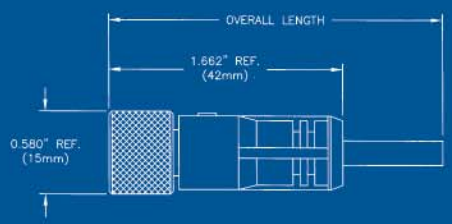
* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# AC METAL MICRO-MIZER®
## MOLDED CONNECTOR ASSEMBLIES

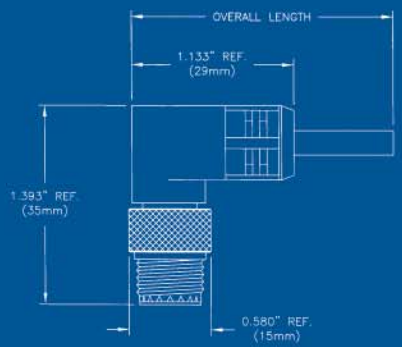
### STRAIGHT MALE SINGLE ENDED



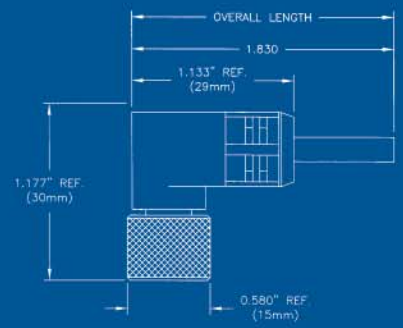

### STRAIGHT FEMALE SINGLE ENDED




### 90° MALE SINGLE ENDED




### 90° FEMALE SINGLE ENDED

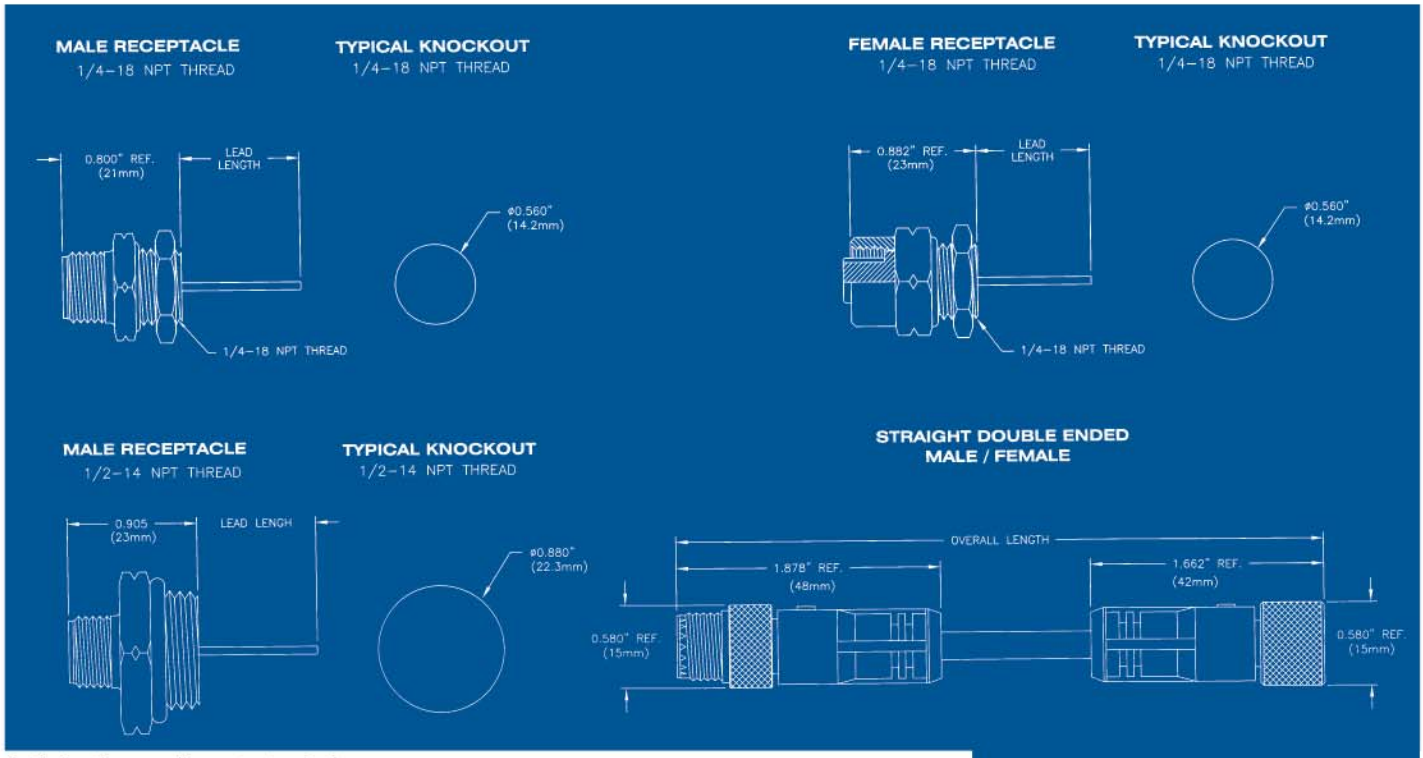



Anti-vibration coupling nuts standard.

| Face View Male | Rating | Overall Length Inches | Straight Male Single Ended | Straight Female Single Ended | 90° Male Single Ended | 90° Female Single Ended |
|---|---|---|---|---|---|---|
| | 3A 300V | 36 | 402P36 | 402S36 | 462P36 | 462S36 |
| | | 72 | 402P72 | 402S72 | 462P72 | 462S72 |
| | | 144 | 402P144 | 402S144 | 462P144 | 462S144 |
| | | Custom | 402PXXXX | 402SXXXX | 462PXXXX | 462SXXXX |
| | 3A 300V | 36 | 403P36 | 403S36 | 463P36 | 463S36 |
| | | 72 | 403P72 | 403S72 | 463P72 | 463S72 |
| | | 144 | 403P144 | 403S144 | 463P144 | 463S144 |
| | | Custom | 403PXXXX | 403SXXXX | 463PXXXX | 463SXXXX |
| | 3A 300V | 36 | 404P36 | 404S36 | 464P36 | 464S36 |
| | | 72 | 404P72 | 404S72 | 464P72 | 464S72 |
| | | 144 | 404P144 | 404S144 | 464P144 | 464S144 |
| | | Custom | 404PXXXX | 404SXXXX | 464PXXXX | 464SXXXX |
| | 3A 300V | 36 | 405P36 | 405S36 | 465P36 | 465S36 |
| | | 72 | 405P72 | 405S72 | 465P72 | 465S72 |
| | | 144 | 405P144 | 405S144 | 465P144 | 465S144 |
| | | Custom | 405PXXXX | 405SXXXX | 465PXXXX | 465SXXXX |
| | 3A 300V | 36 | 406P36 | 406S36 | 466P36 | 466S36 |
| | | 72 | 406P72 | 406S72 | 466P72 | 466S72 |
| | | 144 | 406P144 | 406S144 | 466P144 | 466S144 |
| | | Custom | 406PXXXX | 406SXXXX | 466PXXXX | 466SXXXX |

XXXX – Indicates "overall length" in inches.
For mechanical, electrical and wiring sequence see pages 28 & 29.
90° assemblies have major key position at 6 o'clock (in line with the cable).

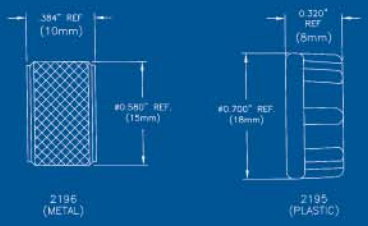
* Please visit the product pages on our website for the most up-to-date product information



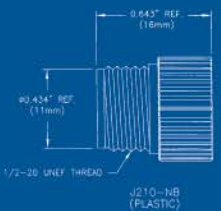

Anti-vibration coupling nuts standard.

| Receptacle Male 1/4 - 18 NPT 12 Inch Leads | Receptacle Female 12 Inch Leads | Receptacle Male 1/2 - 14 NPT 12 Inch Leads | Straight Male /Male Double Ended | Straight Female /Female Double Ended | Straight Male /Female Double Ended |
|---|---|---|---|---|---|
| | | | 472P2P36 | 472S2S36 | 472P2S36 |
| 412P12 | 412S12 | 412PA12 | 472P2P72 | 472S2S72 | 472P2S72 |
| | | | 472P2P144 | 472S2S144 | 472P2S144 |
| 412PXXX | 412SXXX | 412PAXXX | 472P2PXXXX | 472S2SXXXX | 472P2SXXXX |
| | | | 473P3P36 | 473S3S36 | 473P3S36 |
| 413P12 | 413S12 | 413PA12 | 473P3P72 | 473S3S72 | 473P3S72 |
| | | | 473P3P144 | 473S3S144 | 473P3S144 |
| 413PXXX | 413SXXX | 413PAXXX | 473P3PXXXX | 473S3SXXXX | 473P3SXXXX |
| | | | 474P4P36 | 474S4S36 | 474P4S36 |
| 414P12 | 414S12 | 414PA12 | 474P4P72 | 474S4S72 | 474P4S72 |
| | | | 474P4P144 | 474S4S144 | 474P4S144 |
| 414PXXX | 414SXXX | 414PAXXX | 474P4PXXXX | 474S4SXXXX | 474P4SXXXX |
| | | | 475P5P36 | 475S5S36 | 475P5S36 |
| 415P12 | 415S12 | 415PA12 | 475P5P72 | 475S5S72 | 475P5S72 |
| | | | 475P5P144 | 475S5S144 | 475P5S144 |
| 415PXXX | 415SXXX | 415PAXXX | 475P5PXXXX | 475S5SXXXX | 475P5SXXXX |
| | | | 476P6P36 | 476S6S36 | 476P6S36 |
| 416P12 | 416S12 | 416PA12 | 476P6P72 | 476S6S72 | 476P6S72 |
| | | | 476P6P144 | 476S6S144 | 476P6S144 |
| 416PXXX | 416SXXX | 416PAXXX | 476P6PXXXX | 476S6SXXXX | 476P6SXXXX |

**PROTECTIVE CAPS**
FOR EXTERNALLY THREADED COUPLING NUTS OR RECEPTACLES



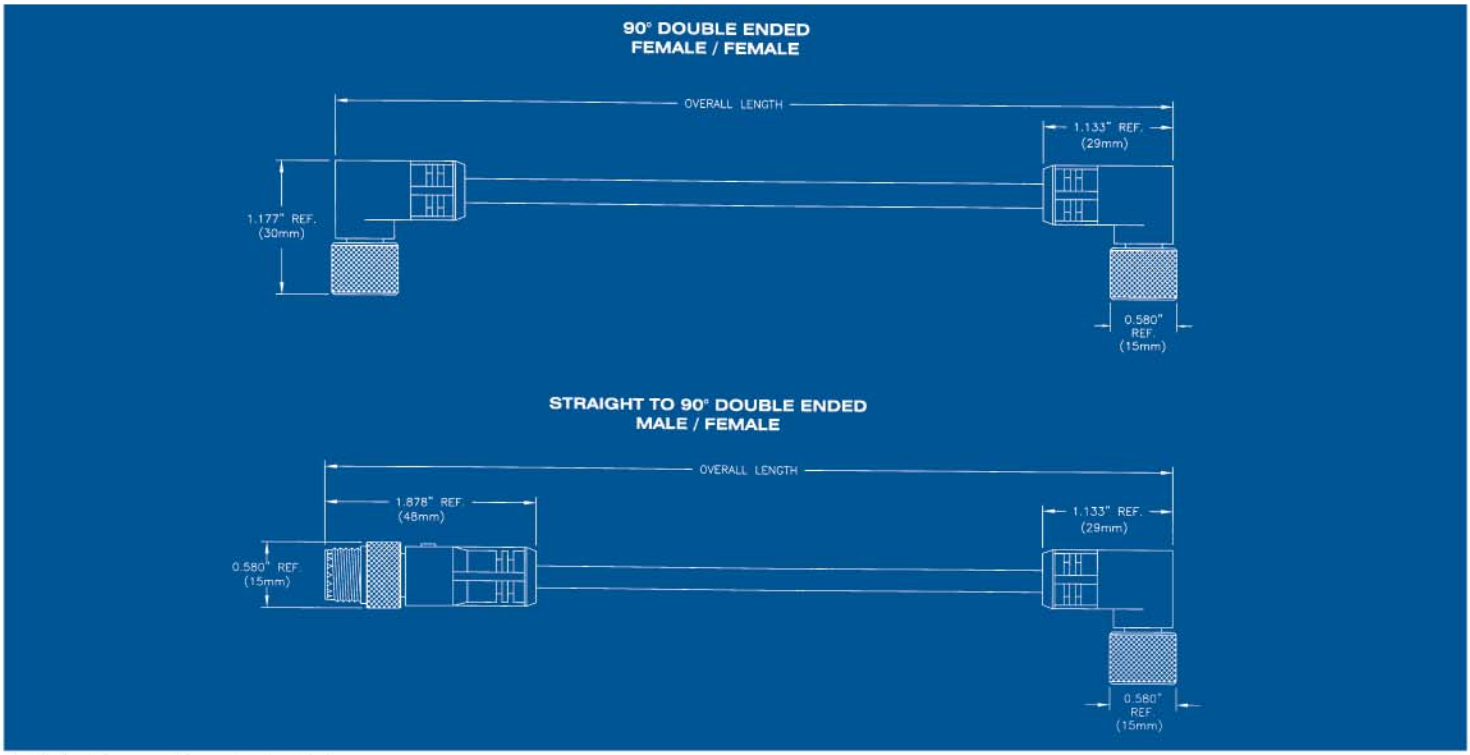

**PROTECTIVE CAP**
FOR INTERNALLY THREADED COUPLING NUTS OR RECEPTACLES




XXXX – Indicates "overall length / lead length" in inches.
For mechanical, electrical and wiring sequence see pages 28 & 29.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# AC METAL MICRO-MIZER®
## MOLDED CONNECTOR ASSEMBLIES




Anti-vibration coupling nuts standard.

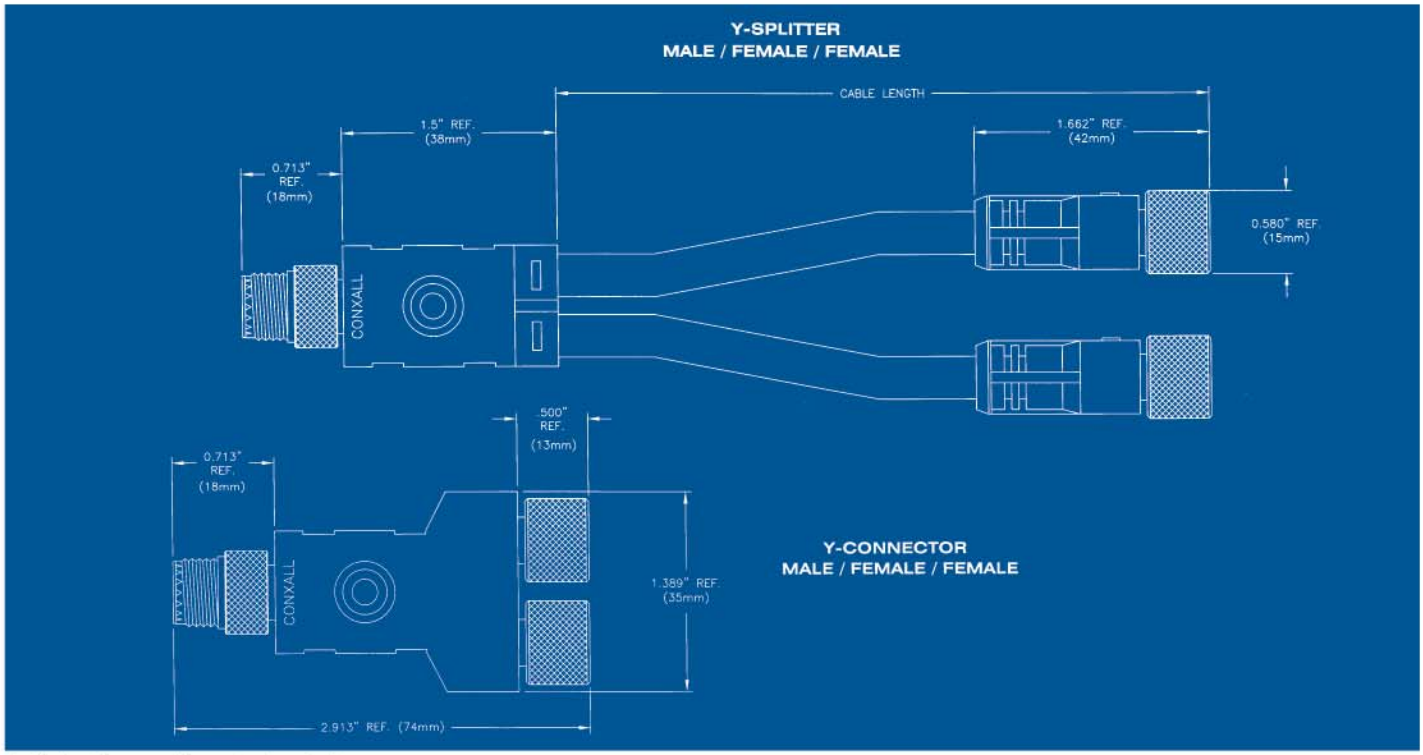
| Face View Male | Rating | Overall Length Inches | 90° Male /Male Double Ended | 90° Female /Female Double Ended | 90° Male /Female Double Ended | Straight to 90° Male /Female Double Ended | Straight to 90° Female /Male Double Ended |
|---|---|---|---|---|---|---|---|
| | 3A 300V | 36 | 452P2P36 | 452S2S36 | 452P2S36 | 482P2S36 | 482S2P36 |
| | | 72 | 452P2P72 | 452S2S72 | 452P2S72 | 482P2S72 | 482S2P72 |
| | | 144 | 452P2P144 | 452S2S144 | 452P2S144 | 482P2S144 | 482S2P144 |
| | | Custom | 452P2PXXXX | 452S2SXXXX | 452P2SXXXX | 482P2SXXXX | 482S2PXXXX |
| | 3A 300V | 36 | 453P3P36 | 453S3S36 | 453P3S36 | 483P3S36 | 483S3P36 |
| | | 72 | 453P3P72 | 453S3S72 | 453P3S72 | 483P3S72 | 483S3P72 |
| | | 144 | 453P3P144 | 453S3S144 | 453P3S144 | 483P3S144 | 483S3P144 |
| | | Custom | 453P3PXXXX | 453S3SXXXX | 453P3SXXXX | 483P3SXXXX | 483S3PXXXX |
| | 3A 300V | 36 | 454P4P36 | 454S4S36 | 454P4S36 | 484P4S36 | 484S4P36 |
| | | 72 | 454P4P72 | 454S4S72 | 454P4S72 | 484P4S72 | 484S4P72 |
| | | 144 | 454P4P144 | 454S4S144 | 454P4S144 | 484P4S144 | 484S4P144 |
| | | Custom | 454P4PXXXX | 454S4SXXXX | 454P4SXXXX | 484P4SXXXX | 484S4PXXXX |
| | 3A 300V | 36 | 455P5P36 | 455S5S36 | 455P5S36 | 485P5S36 | 485S5P36 |
| | | 72 | 455P5P72 | 455S5S72 | 455P5S72 | 485P5S72 | 485S5P72 |
| | | 144 | 455P5P144 | 455S5S144 | 455P5S144 | 485P5S144 | 485S5P144 |
| | | Custom | 455P5PXXXX | 455S5SXXXX | 455P5SXXXX | 485P5SXXXX | 485S5PXXXX |
| | 3A 300V | 36 | 456P6P36 | 456S6S36 | 456P6S36 | 486P6S36 | 486S6P36 |
| | | 72 | 456P6P72 | 456S6S72 | 456P6S72 | 486P6S72 | 486S6P72 |
| | | 144 | 456P6P144 | 456S6S144 | 456P6S144 | 486P6S144 | 486S6P144 |
| | | Custom | 456P6PXXXX | 456S6SXXXX | 456P6SXXXX | 486P6SXXXX | 486S6PXXXX |

XXXX – Indicates "overall length" in inches.
For mechanical, electrical and wiring sequence see pages 28 & 29.
90° assemblies have major key position at 6 o'clock (in line with the cable).

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# AC METAL MICRO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES




Anti-vibration coupling nuts standard.

| Face View Male | Rating | Wiring Diagram | Y-Splitter Female /Female Female | Y-Splitter Male /Female Female | Y-Connector Female /Female Female | Y-Connector Male /Female Female |
|---|---|---|---|---|---|---|
| ① ② | 3A 300V | | 492S2S2S12 492S2S2SXXX | 492P2S2S12 492P2S2SXXX | 422S2S2S | 422P2S2S |
| ③ ② ① | 3A 300V | | 493S3S3S12 493S3S3SXXX | 493P3S3S12 493P3S3SXXX | 423S3S3S | 423P3S3S |
| ② ③ ① ④ | 3A 300V | | 494S4S4S12 494S4S4SXXX | 494P4S4S12 494P4S4SXXX | 424S4S4S | 424P4S4S |
| ① ⑤ ② ④ ③ | 3A 300V | | 495S5S5S12 495S5S5SXXX | 495P5S5S12 495P5S5SXXX | 425S5S5S | 425P5S5S |
| ① ⑤ ② ⑥ ④ ③ | 3A 300V | | 496S6S6S12 496S6S6SXXX | 496P6S6S12 496P6S6SXXX | 426S6S6S | 426P6S6S |

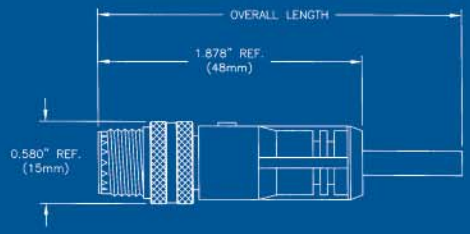
XXX – Indicates "cable length" in inches, other than standard 12 inch length.
For mechanical, electrical and wiring sequence see pages 28 & 29.
For insert combinations not shown — consult factory.

* Please visit the product pages on our website for the most up-to-date product information

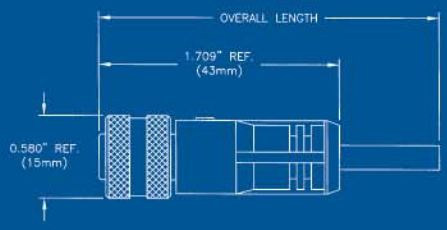
# SENSOR-LINK
# DC METAL MICRO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES

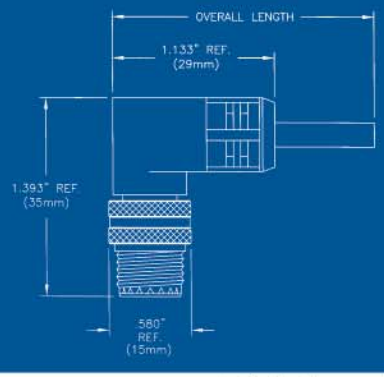
### STRAIGHT MALE SINGLE ENDED



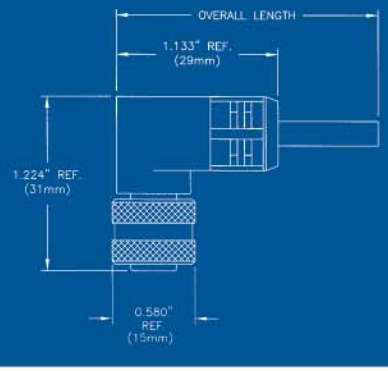

### STRAIGHT FEMALE SINGLE ENDED




### 90° MALE SINGLE ENDED




### 90° FEMALE SINGLE ENDED

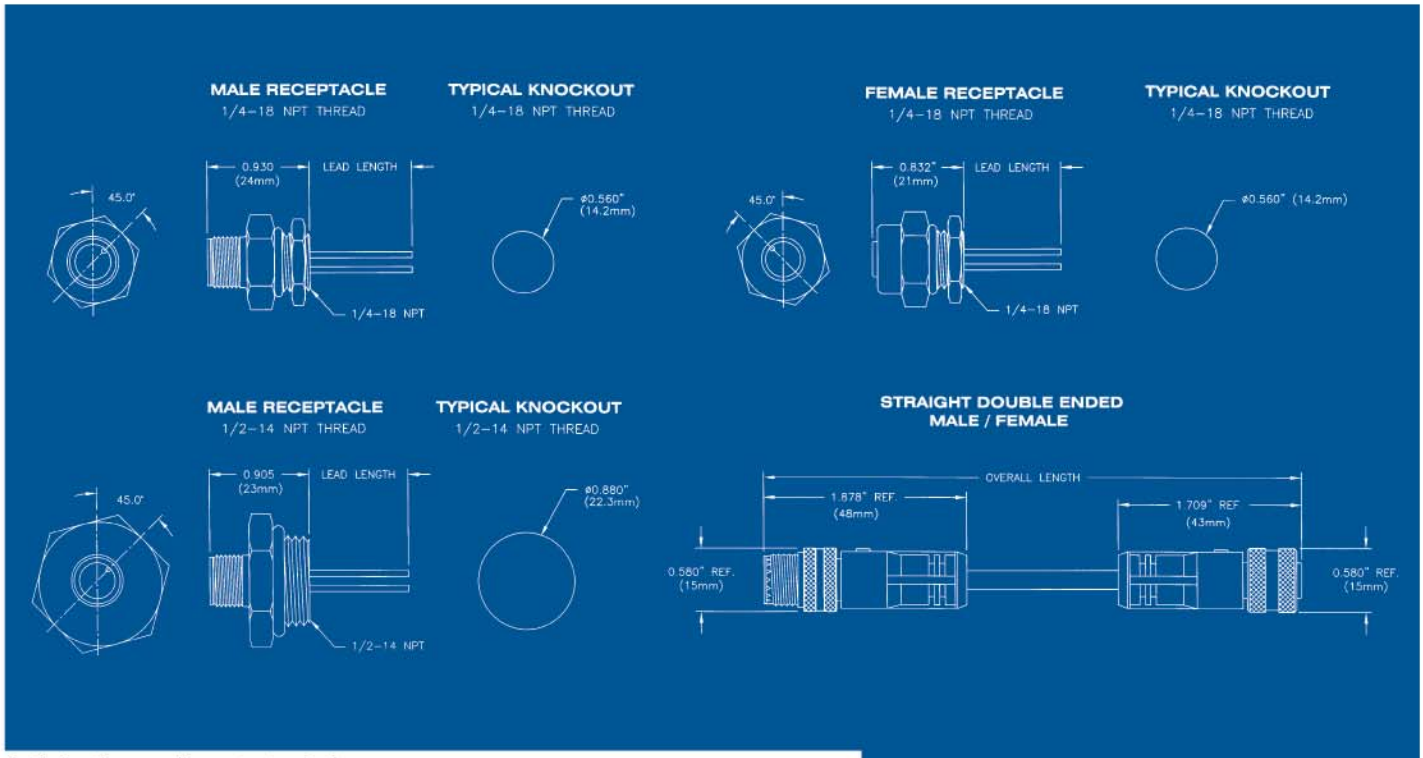



Anti-vibration coupling nuts standard.

| Face View Male | Rating | Overall Length Meters | Straight Male Single Ended | Straight Female Single Ended | 90° Male Single Ended | 90° Female Single Ended |
|---|---|---|---|---|---|---|
| | 3A 300V | 1 | 302P1 | 302S1 | 342P1 | 342S1 |
| | | 2 | 302P2 | 302S2 | 342P2 | 342S2 |
| | | 4 | 302P4 | 302S4 | 342P4 | 342S4 |
| | | Custom | 302PXX | 302SXX | 342PXX | 342SXX |
| | 3A 300V | 1 | 303P1 | 303S1 | 343P1 | 343S1 |
| | | 2 | 303P2 | 303S2 | 343P2 | 343S2 |
| | | 4 | 303P4 | 303S4 | 343P4 | 343S4 |
| | | Custom | 303PXX | 303SXX | 343PXX | 343SXX |
| | 3A 300V | 1 | 304P1 | 304S1 | 344P1 | 344S1 |
| | | 2 | 304P2 | 304S2 | 344P2 | 344S2 |
| | | 4 | 304P4 | 304S4 | 344P4 | 344S4 |
| | | Custom | 304PXX | 304SXX | 344PXX | 344SXX |
| | 3A 300V | 1 | 305P1 | 305S1 | 345P1 | 345S1 |
| | | 2 | 305P2 | 305S2 | 345P2 | 345S2 |
| | | 4 | 305P4 | 305S4 | 345P4 | 345S4 |
| | | Custom | 305PXX | 305SXX | 345PXX | 345SXX |
| | 2A 125V | 1 | 308P1 | 308S1 | 348P1 | 348S1 |
| | | 2 | 308P2 | 308S2 | 348P2 | 348S2 |
| | | 4 | 308P4 | 308S4 | 348P4 | 348S4 |
| | | Custom | 308PXX | 308SXX | 348PXX | 348SXX |

Consult Factory for 6 & 7 Pole

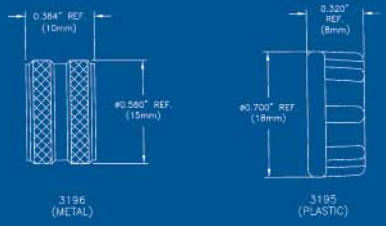
XX – Indicates "overall length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.
90° assemblies have key position at 45 degrees.



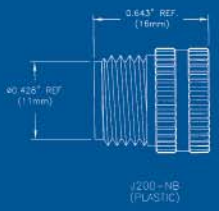

Anti-vibration coupling nuts standard.

| Receptacle Male 1/4 - 18 NPT .3 Meter Leads | Receptacle Female .3 Meter Leads | Receptacle Male 1/2 - 14 NPT .3 Meter Leads | Straight Male /Male Double Ended | Straight Female /Female Double Ended | Straight Male /Female Double Ended |
|---|---|---|---|---|---|
| | | | 372P2P1 | 372S2S1 | 372P2S1 |
| 312P.3 | 312S.3 | 312PA.3 | 372P2P2 | 372S2S2 | 372P2S2 |
| | | | 372P2P4 | 372S2S4 | 372P2S4 |
| 312PXX | 31SXX | 312PAXX | 372P2PXX | 372S2SXX | 372P2SXX |
| | | | 373P3P1 | 373S3S1 | 373P3S1 |
| 313P.3 | 313S.3 | 313PA.3 | 373P3P2 | 373S3S2 | 373P3S2 |
| | | | 373P3P4 | 373S3S4 | 373P3S4 |
| 313PXX | 313SXX | 313PAXX | 373P3PXX | 373S3SXX | 373P3SXX |
| | | | 374P4P1 | 374S4S1 | 374P4S1 |
| 314P.3 | 314S.3 | 314PA.3 | 374P4P2 | 374S4S2 | 374P4S2 |
| | | | 374P4P4 | 374S4S4 | 374P4S4 |
| 314PXX | 314SXX | 314PAXX | 374P4PXX | 374S4SXX | 374P4SXX |
| | | | 375P5P1 | 375S5S1 | 375P5S1 |
| 315P.3 | 315S.3 | 315PA.3 | 375P5P2 | 375S5S2 | 375P5S2 |
| | | | 375P5P4 | 375S5S4 | 375P5S4 |
| 315PXX | 315SXX | 315PAXX | 375P5PXX | 375S5SXX | 375P5SXX |
| | | | 378P8P1 | 378S8S1 | 378P8S1 |
| 318P.3 | 318S.3 | 318PA.3 | 378P8P2 | 378S8S2 | 378P8S2 |
| | | | 378P8P4 | 378S8S4 | 378P8S4 |
| 318PXX | 318SXX | 318PAXX | 378P8PXX | 378S8SXX | 378P8SXX |

**PROTECTIVE CAPS**
FOR EXTERNALLY THREADED COUPLING NUTS OR RECEPTACLES




**PROTECTIVE CAP**
FOR INTERNALLY THREADED COUPLING NUTS OR RECEPTACLES

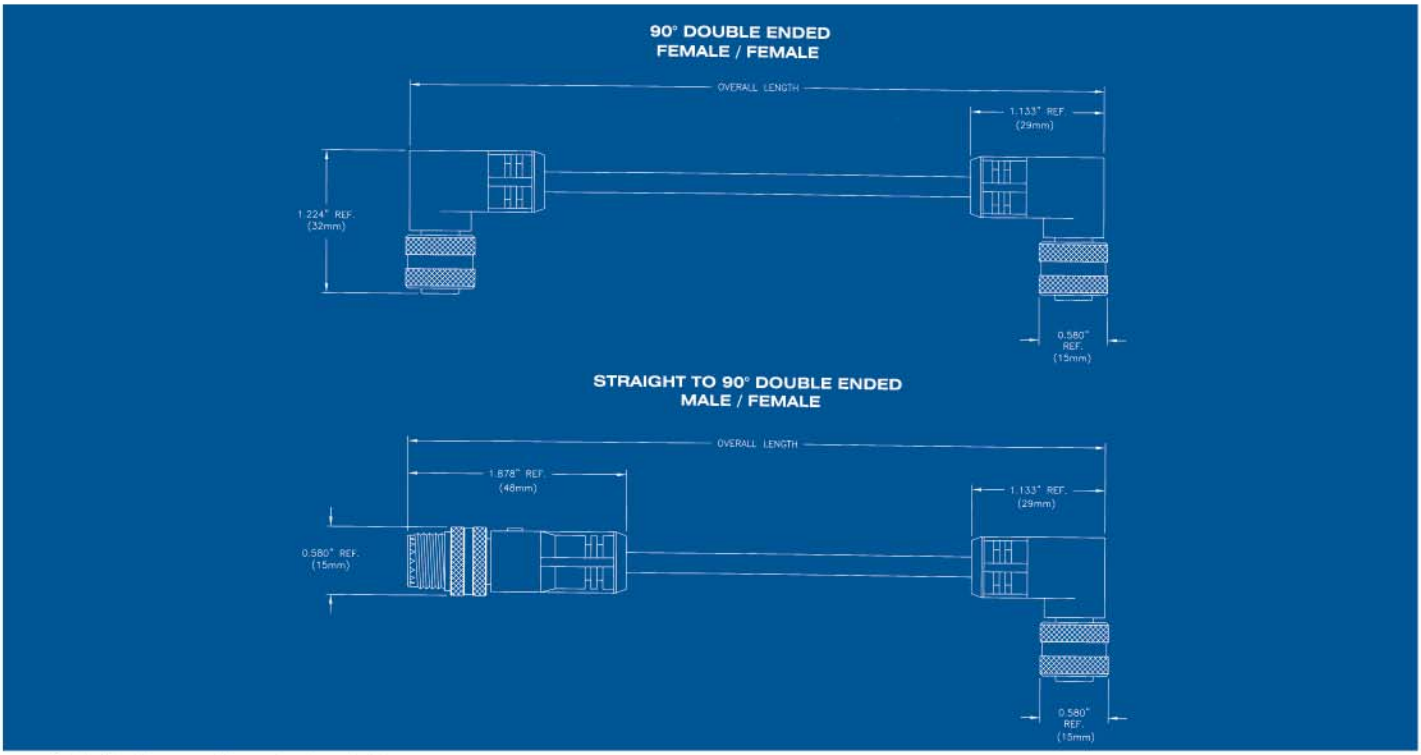



XX – Indicates "overall length / lead length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# DC METAL MICRO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES




Anti-vibration coupling nuts standard.

| Face View Male | Rating | Overall Length Meters | 90° Male /Male Double Ended | 90° Female /Female Double Ended | 90° Male /Female Double Ended | Straight to 90° Male /Female Double Ended | Straight to 90° Female /Male Double Ended |
|---|---|---|---|---|---|---|---|
| | 3A 300V | 1 | 362P2P1 | 362S2S1 | 362P2S1 | 352P2S1 | 352S2P1 |
| | | 2 | 362P2P2 | 362S2S2 | 362P2S2 | 352P2S2 | 352S2P2 |
| | | 4 | 362P2P4 | 362S2S4 | 362P2S4 | 352P2S4 | 352S2P4 |
| | | Custom | 362P2PXX | 362S2SXX | 362P2SXX | 352P2SXX | 352S2PXX |
| | 3A 300V | 1 | 363P3P1 | 363S3S1 | 363P3S1 | 353P3S1 | 353S3P1 |
| | | 2 | 363P3P2 | 363S3S2 | 363P3S2 | 353P3S2 | 353S3P2 |
| | | 4 | 363P3P4 | 363S3S4 | 363P3S4 | 353P3S4 | 353S3P4 |
| | | Custom | 363P3PXX | 363S3SXX | 363P3SXX | 353P3SXX | 353S3PXX |
| | 3A 300V | 1 | 364P4P1 | 364S4S1 | 364P4S1 | 354P4S1 | 354S4P1 |
| | | 2 | 364P4P2 | 364S4S2 | 364P4S2 | 354P4S2 | 354S4P2 |
| | | 4 | 364P4P4 | 364S4S4 | 364P4S4 | 354P4S4 | 354S4P4 |
| | | Custom | 364P4PXX | 364S4SXX | 364P4SXX | 354P4SXX | 354S4PXX |
| | 3A 300V | 1 | 365P5P1 | 365S5S1 | 365P5S1 | 355P5S1 | 355S5P1 |
| | | 2 | 365P5P2 | 365S5S2 | 365P5S2 | 355P5S2 | 355S5P2 |
| | | 4 | 365P5P4 | 365S5S4 | 365P5S4 | 355P5S4 | 355S5P4 |
| | | Custom | 365P5PXX | 365S5SXX | 365P5SXX | 355P5SXX | 355S5PXX |
| | 2A 125V | 1 | 368P8P1 | 368S8S1 | 368P8S1 | 358P8S1 | 358S8P1 |
| | | 2 | 368P8P2 | 368S8S2 | 368P8S2 | 358P8S2 | 358S8P2 |
| | | 4 | 368P8P4 | 368S8S4 | 368P8S4 | 358P8S4 | 358S8P4 |
| | | Custom | 368P8PXX | 368S8SXX | 368P8SXX | 358P8SXX | 358S8PXX |

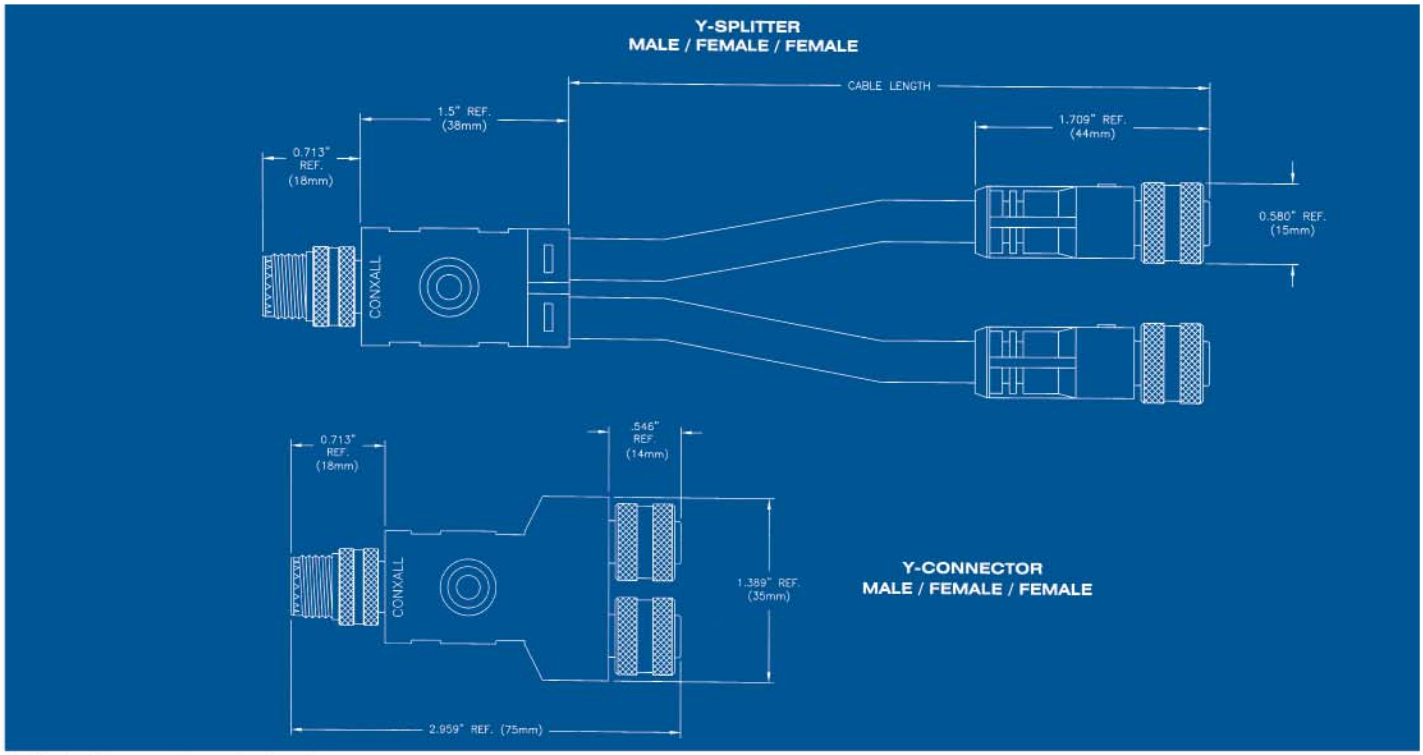
Consult Factory for 6 & 7 Pole

XX – Indicates "overall length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.
90° assemblies have key position at 45 degrees.

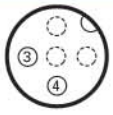
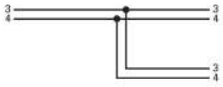
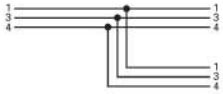
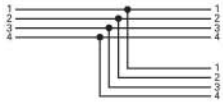
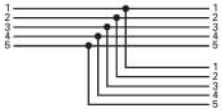
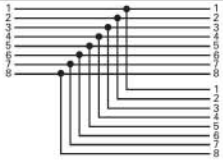
* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# DC METAL MICRO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES




Anti-vibration coupling nuts standard.

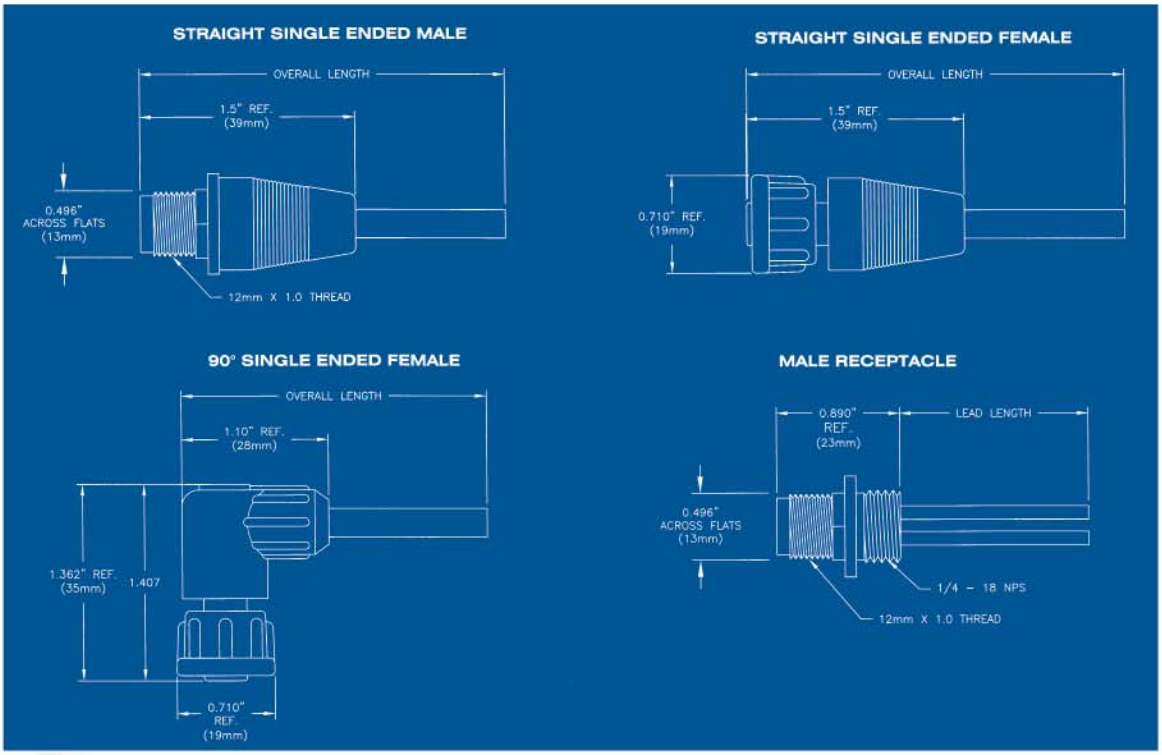
| Face View Male | Rating | Wiring Diagram | Y-Splitter Female /Female Female | Y-Splitter Male /Female Female | Y-Connector Female /Female Female | Y-Connector Male /Female Female |
|---|---|---|---|---|---|---|
|  | 3A 300V |  | 392S2S2S.3 392S2S2SXX | 392P2S2S.3 392P2S2SXX | 322S2S2S | 322P2S2S |
| | 3A 300V |  | 393S3S3S.3 393S3S3SXX | 393P3S3S.3 393P3S3SXX | 323S3S3S | 323P3S3S |
| | 3A 300V |  | 394S4S4S.3 394S4S4SXX | 394P4S4S.3 394P4S4SXX | 324S4S4S | 324P4S4S |
| | 3A 300V |  | 395S5S5S.3 395S5S5SXX | 395P5S5S.3 395P5S5SXX | 325S5S5S | 325P5S5S |
| Consult Factory for 6 & 7 Pole | 2A 125V |  | 398S8S8S.3 398S8S8SXX | 398P8S8S.3 398P8S8SXX | 328S8S8S | 328P8S8S |

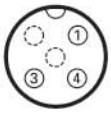
XX – Indicates "cable length" in meters, other than standard .3 meter length.
For mechanical, electrical and wiring sequence see pages 28 & 29.
For insert combinations not shown — consult factory.

* Please visit the product pages on our website for the most up-to-date product information

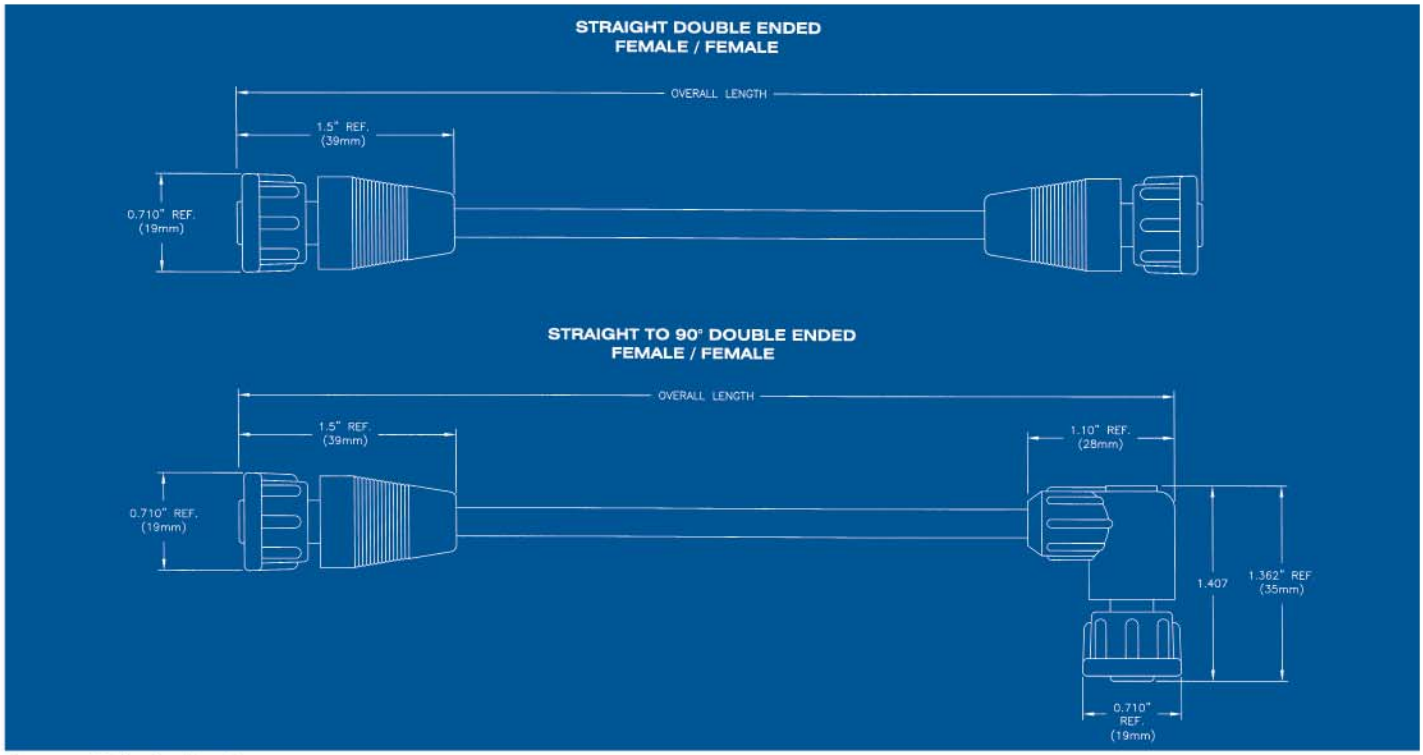
# SINGLE KEY
# PLASTIC MICRO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES



| Face View Male | Rating | Overall Length Meters | Straight Male Single Ended | Straight Female Single Ended | 90° Female Single Ended | Receptacle Male .3 Meter Leads |
|---|---|---|---|---|---|---|
| | 3A 300V | 1 | 202P1 | 202S1 | 232S1 | |
| | | 2 | 202P2 | 202S2 | 232S2 | 212P.3 |
| | | 4 | 202P4 | 202S4 | 232S4 | |
| | | Custom | 202PXX | 202SXX | 232SXX | 21PXX |
|  | 3A 300V | 1 | 203P1 | 203S1 | 233S1 | |
| | | 2 | 203P2 | 203S2 | 233S2 | 213P.3 |
| | | 4 | 203P4 | 203S4 | 233S4 | |
| | | Custom | 203PXX | 203SXX | 233SXX | 213PXX |
| | 3A 300V | 1 | 204P1 | 204S1 | 234S1 | |
| | | 2 | 204P2 | 204S2 | 234S2 | 214P.3 |
| | | 4 | 204P4 | 204S4 | 234S4 | |
| | | Custom | 204PXX | 204SXX | 234SXX | 214PXX |
| | 3A 300V | 1 | 205P1 | 205S1 | 235S1 | |
| | | 2 | 205P2 | 205S2 | 235S2 | 215P.3 |
| | | 4 | 205P4 | 205S4 | 235S4 | |
| | | Custom | 205PXX | 205SXX | 235SXX | 215PXX |

XX – Indicates "overall length / lead length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.




See page 19 for Sealing Covers.

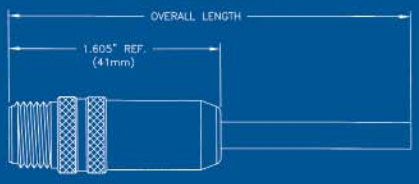
| Straight Female /Female Double Ended | Straight Male /Female Double Ended | Straight Male /Male Double Ended | 90° Female /Female Double Ended | Straight to 90° Female /Female Double Ended | Straight to 90° Male /Female Double Ended |
|---|---|---|---|---|---|
| 242S2S1 | 242P2S1 | 242P2P1 | 262S2S1 | 272S2S1 | 272P2S1 |
| 242S2S2 | 242P2S2 | 242P2P2 | 262S2S2 | 272S2S2 | 272P2S2 |
| 242S2S4 | 242P2S4 | 242P2P4 | 262S2S4 | 272S2S4 | 272P2S4 |
| 242S2SXX | 242P2SXX | 242P2PXX | 262S2SXX | 272S2SXX | 272P2SXX |
| 243S3S1 | 243P3S1 | 243P3P1 | 263S3S1 | 273S3S1 | 273P3S1 |
| 243S3S2 | 243P3S2 | 243P3P2 | 263S3S2 | 273S3S2 | 273P3S2 |
| 243S3S4 | 243P3S4 | 243P3P4 | 263S3S4 | 273S3S4 | 273P3S4 |
| 243S3SXX | 243P3SXX | 243P3PXX | 263S3SXX | 273S3SXX | 273P3SXX |
| 244S4S1 | 244P4S1 | 244P4P1 | 264S4S1 | 274S4S1 | 274P4S1 |
| 244S4S2 | 244P4S2 | 244P4P2 | 264S4S2 | 274S4S2 | 274P4S2 |
| 244S4S4 | 244P4S4 | 244P4P4 | 264S4S4 | 274S4S4 | 274P4S4 |
| 244S4SXX | 244P4SXX | 244P4PXX | 264S4SXX | 274S4SXX | 274P4SXX |
| 245S5S1 | 245P5S1 | 245P5P1 | 265S5S1 | 275S5S1 | 275P5S1 |
| 245S5S2 | 245P5S2 | 245P5P2 | 265S5S2 | 275S5S2 | 275P5S2 |
| 245S5S4 | 245P5S4 | 245P5P4 | 265S5S4 | 275S5S4 | 275P5S4 |
| 245S5SXX | 245P5SXX | 245P5PXX | 265S5SXX | 275S5SXX | 275P5SXX |

XX – Indicates "overall length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.

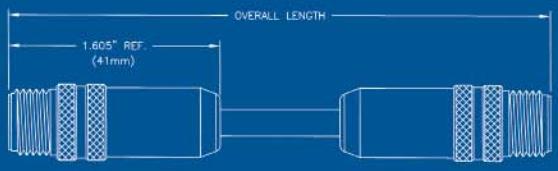
* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# DC METAL MICRO-MIZER® EMI/RFI SHIELDED
## MOLDED CONNECTOR ASSEMBLIES

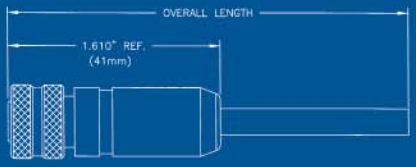
STRAIGHT INLINE MALE SINGLE-ENDED



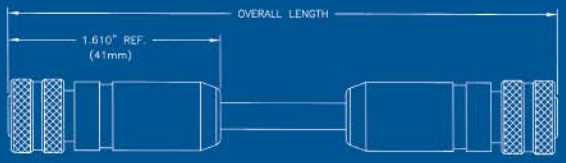

STRAIGHT INLINE MALE DOUBLE-ENDED



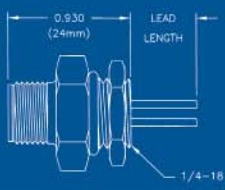

STRAIGHT FEMALE SINGLE-ENDED




STRAIGHT FEMALE/FEMALE DOUBLE ENDED

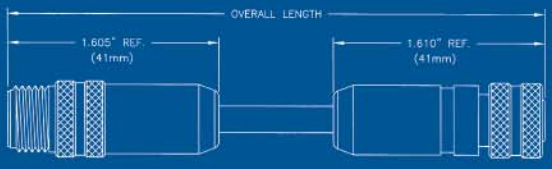



MALE RECEPTACLE 1/4-18 NPT THREAD

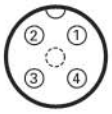



KNOCKOUT

STRAIGHT MALE/FEMALE DOUBLE ENDED




U.S. PAT.# 5,823,803

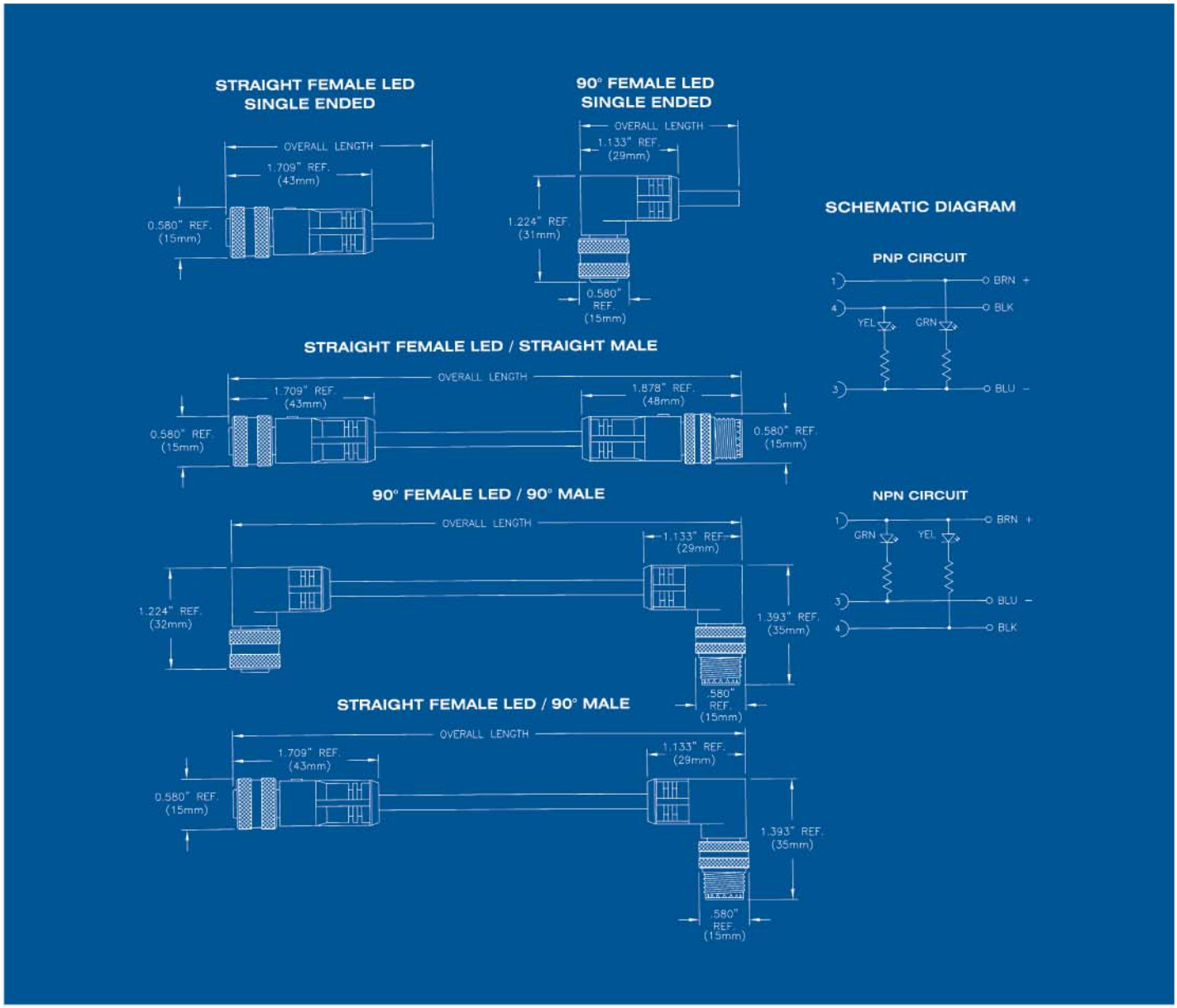
| Face View Male | Rating | Overall Length Meters | Straight Inline Male Single Ended | Straight Female Single Ended | Straight Inline Male Double Ended | Straight Female/Female Double Ended | Straight Male/Female Double Ended | Receptacle Male .3 Meter Leads |
|---|---|---|---|---|---|---|---|---|
| | 3A 300V | 1 | SH302P*1 | SH302S1 | SH372P2P*1 | SH372S2S1 | SH372P2S*1 | SH312P.3 |
| | | 2 | SH302P*2 | SH302S2 | SH372P2P*2 | SH372S2S2 | SH372P2S*2 | |
| | | 4 | SH302P*4 | SH302S4 | SH372P2P*4 | SH372S2S4 | SH372P2S*4 | |
| | | Custom | SH302P*XX | SH302SXX | SH372P2P*XX | SH372S2SXX | SH372P2S*XX | SH312PXX |
| | 3A 300V | 1 | SH303P*1 | SH303S1 | SH373P3P*1 | SH373S3S1 | SH373P3S*1 | SH313P.3 |
| | | 2 | SH303P*2 | SH303S2 | SH373P3P*2 | SH373S3S2 | SH373P3S*2 | |
| | | 4 | SH303P*4 | SH303S4 | SH373P3P*4 | SH373S3S4 | SH373P3S*4 | |
| | | Custom | SH303P*XX | SH303SXX | SH373P3P*XX | SH373S3SXX | SH373P3S*XX | SH313PXX |
|  | 3A 300V | 1 | SH304P*1 | SH304S1 | SH374P4P*1 | SH374S4S1 | SH374P4S*1 | SH314P.3 |
| | | 2 | SH304P*2 | SH304S2 | SH374P4P*2 | SH374S4S2 | SH374P4S*2 | |
| | | 4 | SH304P*4 | SH304S4 | SH374P4P*4 | SH374S4S4 | SH374P4S*4 | |
| | | Custom | SH304P*XX | SH304SXX | SH374P4P*XX | SH374S4SXX | SH374P4S*XX | SH314PXX |
| | 3A 300V | 1 | SH305P*1 | SH305S1 | SH375P5P*1 | SH375S5S1 | SH375P5S*1 | SH315P.3 |
| | | 2 | SH305P*2 | SH305S2 | SH375P5P*2 | SH375S5S2 | SH375P5S*2 | |
| | | 4 | SH305P*4 | SH305S4 | SH375P5P*4 | SH375S5S4 | SH375P5S*4 | |
| | | Custom | SH305P*XX | SH305SXX | SH375P5P*XX | SH375S5SXX | SH375P5S*XX | SH315PXX |
| | 2A 125V | 1 | SH308P*1 | SH308S1 | SH378P8P*1 | SH378S8S1 | SH378P8S*1 | SH318P.3 |
| | | 2 | SH308P*2 | SH308S2 | SH378P8P*2 | SH378S8S2 | SH378P8S*2 | |
| | | 4 | SH308P*4 | SH308S4 | SH378P8P*4 | SH378S8S4 | SH378P8S*4 | |
| | | Custom | SH308P*XX | SH308SXX | SH378P8P*XX | SH378S8SXX | SH378P8S*XX | SH318PXX |

Consult Factory for 6 & 7 Pole

XX – Indicates "overall length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.
* Insert an "R" for Rotating Male Coupling Nut. (Blank is standard for fixed nut.)

# SENSOR-LINK
# DC METAL MICRO-MIZER® LED CORDSETS

## MOLDED CONNECTOR ASSEMBLIES




| Face View Female | Circuit Type | Rating | Overall Length Meters | Straight Inline Male Single Ended | Straight Female Single Ended | Straight Inline Male Double Ended | Straight Female/Female Double Ended | Straight Male/Female Double Ended |
|---|---|---|---|---|---|---|---|---|
| | PNP | 3A 10 to 30V DC | 1 | 303SL1PNP | 343SL1PNP | 373S4PL1PNP | 363S4PL1PNP | 353S4PL1PNP |
| | | | 2 | 303SL2PNP | 343SL2PNP | 373S4PL2PNP | 363S4PL2PNP | 353S4PL2PNP |
| | | | 4 | 303SL4PNP | 343SL4PNP | 373S4PL4PNP | 363S4PL4PNP | 353S4PL4PNP |
| | | | Custom | 303SLXXPNP | 343SLXXPNP | 373S4PLXXPNP | 363S4PLXXPNP | 353S4PLXXPNP |
| | NPN | 3A 10 to 30V DC | 1 | 303SL1NPN | 343SL1NPN | 373S4PL1NPN | 363S4PL1NPN | 353S4PL1NPN |
| | | | 2 | 303SL2NPN | 343SL2NPN | 373S4PL2NPN | 363S4PL2NPN | 353S4PL2NPN |
| | | | 4 | 303SL4NPN | 343SL4NPN | 373S4PL4NPN | 363S4PL4NPN | 353S4PL4NPN |
| | | | Custom | 303SLXXNPN | 343SLXXNPN | 373S4PLXXNPN | 363S4PLXXNPN | 353S4PLXXNPN |

XX – Indicates "overall length" in meters.
Note: Only three of the four positions of the insert are being utilized. Position 2 is a "dummy" contact.
For mechanical and electrical specifications see pages 28 & 29.
90° assemblies have key position at 45 degrees.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK MICRO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES

### STANDARD MINI-MIZER WIRING SEQUENCE

**Panel Mounts and Cable Assemblies Conductor Color Code per Contact Position:**

#### DC

**2 CONTACTS**

| | |
|---|---|
| 3. | BRN |
| 4. | BLU |

**3 CONTACTS**

| | |
|---|---|
| 1. | BRN |
| 3. | BLU |
| 4. | BLK |

**4 CONTACTS**

| | |
|---|---|
| 1. | BRN |
| 2. | WHT |
| 3. | BLU |
| 4. | BLK |

**5 CONTACTS**

| | |
|---|---|
| 1. | BRN |
| 2. | WHT |
| 3. | BLU |
| 4. | BLK |
| 5. | GRY |

**8 CONTACTS**

| | |
|---|---|
| 1. | WHT |
| 2. | BRN |
| 3. | GRN |
| 4. | YEL |
| 5. | GRY |
| 6. | PINK |
| 7. | BLU |
| 8. | RED |

#### AC

**2 CONTACTS**

| | |
|---|---|
| 1. | BRN |
| 2. | BLU |

**3 CONTACTS**

| | |
|---|---|
| 1. | GRN |
| 2. | RED/BLK |
| 3. | RED/WHT |

**4 CONTACTS**

| | |
|---|---|
| 1. | RED/BLK |
| 2. | RED/WHT |
| 3. | RED |
| 4. | GRN |

**5 CONTACTS**

| | |
|---|---|
| 1. | RED/WHT |
| 2. | RED |
| 3. | GRN |
| 4. | RED/YEL |
| 5. | RED/BLK |

**6 CONTACTS**

| | |
|---|---|
| 1. | RED/WHT |
| 2. | RED |
| 3. | GRN |
| 4. | RED/YEL |
| 5. | RED/BLK |
| 6. | RED/BLU |

## SENSOR LINK PRODUCT LINE — MICRO-MIZER® SPECIFICATIONS

### STANDARD PANEL MOUNTS:

- 22 AWG, 80°C, 300V, PVC Hook-up Wire
- Nylon Insert
- Lead Length 12 In.
- Epoxy Filled

### STANDARD AC & DC METAL:

- 22 AWG, PVC Yellow Jacketed Cable
- Nylon Insert ( Black for AC, Yellow for DC)
- PVC, Yellow Overmold
- Length 3, 6 and 12 Ft. for AC 1, 2 and 4 Meters for DC

  *Options*

  – 22 AWG, Polyurethane Yellow Jacketed Cable
  For polyurethane cable add suffix "U"

  – 22 AWG, PVC & Polyurethane Yellow Jacketed Shielded Cable
  For Shielded Cable add suffix "S"
- Lengths other than standard

### STANDARD SINGLE KEY PLASTIC:

- 22 AWG, PVC Yellow Jacketed Cable
- Nylon, Black Insert
- PVC, Black Overmold
- Length 1, 2 and 4 Meters

  *Options*

  – 22 AWG, Polyurethane Yellow Jacketed Cable
  For polyurethane cable add suffix "U"

  – 22 AWG, PVC & Polyurethane Yellow Jacketed Shielded Cable
  For Shielded Cable add suffix "S"
- Lengths other than standard

### Y-SPLITTER ASSEMBLIES:

- 22 AWG, PVC Yellow Jacketed Cable
- Nylon Insert
- PVC Overmold

  *Options*

  – 22 AWG, Polyurethane Yellow Jacketed Cable

### DC LED CORDSETS:

- 1 Green & 1 Yellow Extended Life LEDs (Typical life @ abmient temperature is 100,000 hours.)
- PNP or NPN
- 22 AWG, PVC Yellow Jacketed Cable
- Nylon Insert
- PVC, Clear Overmold

  *Options*

  – 22 AWG, Polyurethane Yellow Jacketed Cable

  – Polyurethane, Clear Overmold

* Please visit the product pages on our website for the most up-to-date product information



SENSOR LINK PRODUCT LINE

# MICRO-MIZER® AC/DC METAL AND PLASTIC

## ELECTRICAL RATING

**VOLTAGE:** **Metal/Plastic** (Non-LED Assemblies) - 300V
**Metal** (LED Assemblies) - 10-30V DC

## CABLE ASSEMBLIES

**COUPLING NUT:** **Metal-**Anodized Aluminum
**Plastic-**Nylon
**Optional-**Nickel-plated Brass or Stainless Steel (Consult Factory)

**CONTACTS:** **Metal/Plastic-**Copper Alloy, Gold-plated

**INSERT:** **Metal/Plastic-**Nylon

**MOLDED HEADS:** **Metal/Plastic-**PVC

**O-RINGS:** **Metal/Plastic-**Viton

**CABLE:** **Metal/Plastic-**22 AWG: PVC Insulated, Fine Stranded Copper Conductors, Yellow Oil Resistant PVC Jacketed 300V, ST, 105°C. UL Recognized, CSA Certified

## PANEL MOUNT ASSEMBLIES

**SHELLS:** **Metal-**Anodized Aluminum
**Plastic-**Nylon
**Optional-**Nickel-plated Brass (Consult Factory)

**CONTACTS:** **Metal/Plastic-**Copper Alloy, Gold-plated

**INSERTS:** **Metal-**Nylon

**WIRE:** **Metal/Plastic-**22 AWG PVC Insulated, 300V UL Recognized, CSA Certified

## ENVIRONMENTAL

**PROTECTION:** **Metal/Plastic-**NEMA 6P, IP67 & IP68

**OPERATING AMBIENT:** **Metal/Plastic-**-20° to 80°C

## CERTIFICATIONS

**UL:** **Metal/Plastic-**UL Recognized, File No. E150822

**cUL:** **Metal/Plastic-**Canadian UL Recognized, File No. E150822

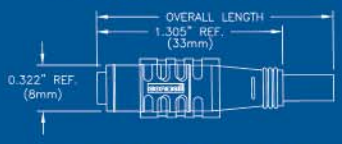
**CSA:** **Metal/Plastic-**CSA Certified File No. 181200

* Please visit the product pages on our website for the most up-to-date product information

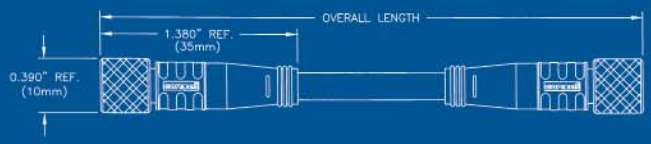
# SENSOR-LINK NANO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES

### STRAIGHT FEMALE SINGLE ENDED SNAP LOCK WITH LOCKING RING

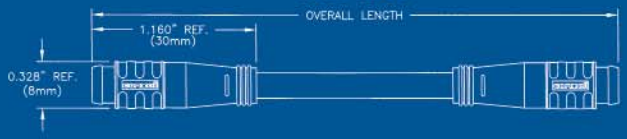



### STRAIGHT FEMALE DOUBLE ENDED THREADED COUPLING



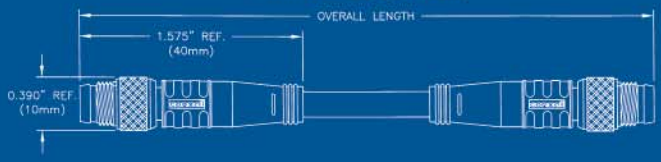

### STRAIGHT MALE SINGLE ENDED SNAP LOCK

### STRAIGHT MALE DOUBLE ENDED SNAP LOCK

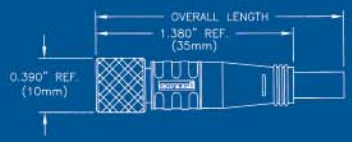



### STRAIGHT MALE SINGLE ENDED THREADED COUPLING

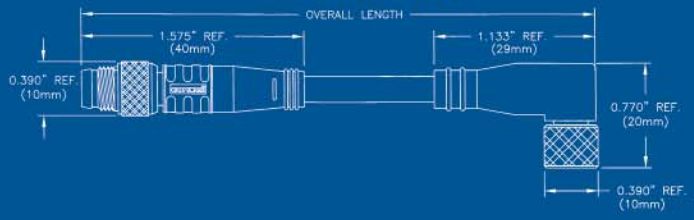
### STRAIGHT MALE DOUBLE ENDED THREADED COUPLING




### STRAIGHT FEMALE SINGLE ENDED THREADED COUPLING

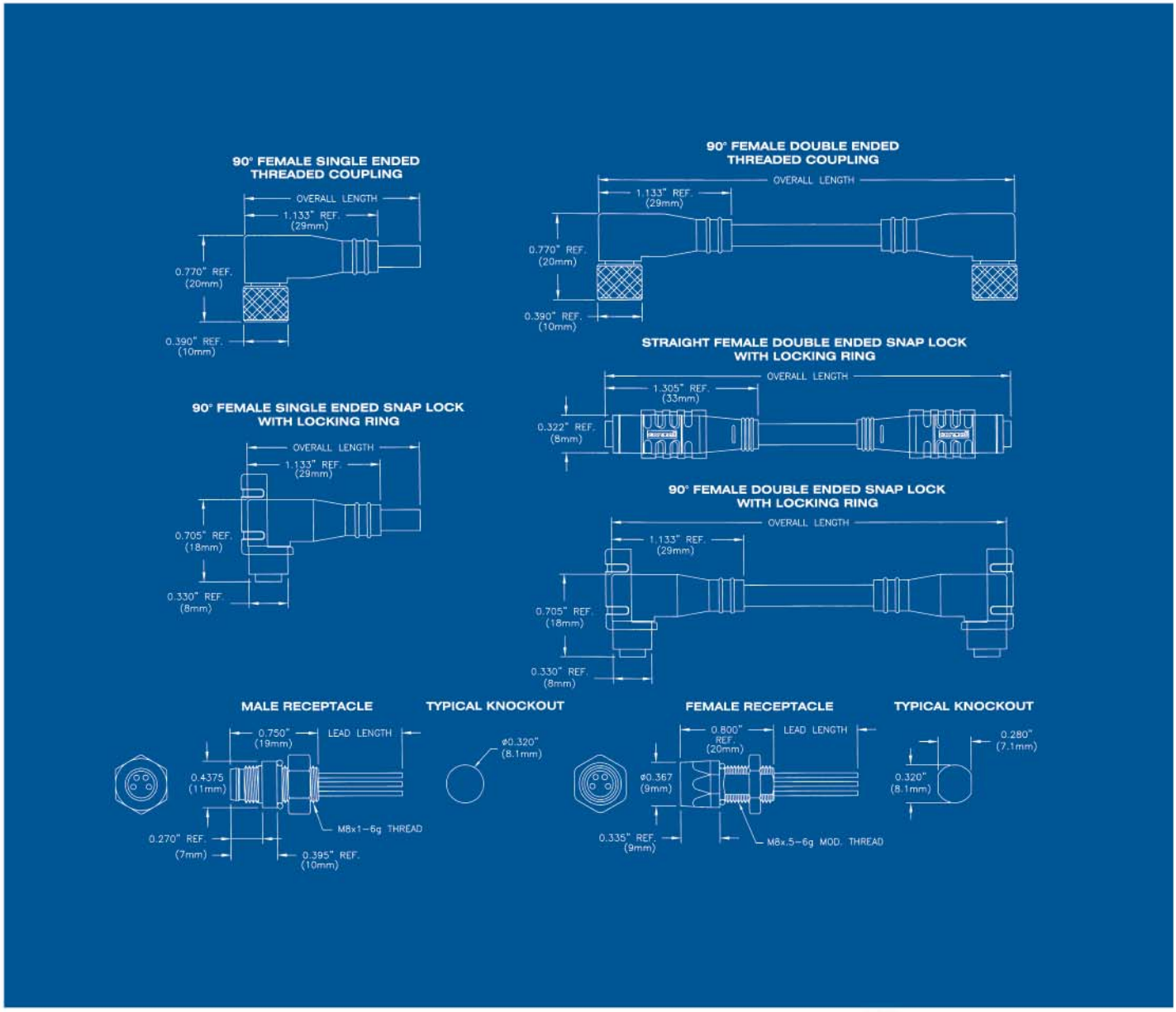



### STRAIGHT/90° MALE/FEMALE DOUBLE ENDED THREADED COUPLING




| Coupling Options | | | Snap Lock Threaded | Snap Lock w/Ring Snap Lock Threaded | Snap Lock w/Ring Snap Lock Threaded | | | Snap Lock Threaded |
|---|---|---|---|---|---|---|---|---|
| Face View Male | Rating | Overall Length Meters | Straight Male Single Ended | Straight Female Single Ended | 90° Female Single Ended | Receptacle Male .3 Meter Lead | Receptacle Female .3 Meter Lead | Straight Male/Male Double Ended |
| | 4 A 300V | 2 | 603P*2 | 603S*2* | 653S*2* | | | 673P3P*2 |
| | | 5 | 603P*5 | 603S*5* | 653S*5* | 613P.3 | 613S.3 | 673P3P*5 |
| | | 6 | 603P*6 | 603S*6* | 653S*6* | | | 673P3P*6 |
| | | Custom | 603P*XX | 603S*XX* | 653S*XX* | 613PXX | 613SXX | 673P3P*XX |
| | 4 A 300V | 2 | 604P*2 | 604S*2* | 654S*2* | | | 674P4P*2 |
| | | 5 | 604P*5 | 604S*5* | 654S*5* | 614P.3 | 614S.3 | 674P4P*5 |
| | | 6 | 604P*6 | 604S*6* | 654S*6* | | | 674P4P*6 |
| | | Custom | 604P*XX | 604S*XX* | 654S*XX* | 614PXX | 614SXX | 674P4P*XX |

For mechanical, electrical and wiring sequence see page 33.




| Snap Lock w/Ring | Snap Lock w/Ring | Snap Lock w/Ring | Snap Lock w/Ring | Snap Lock w/Ring |
|---|---|---|---|---|
| Snap Lock | Snap Lock | Snap Lock | Snap Lock | Snap Lock |
| Threaded | Threaded | Threaded | Threaded | Threaded |
| Straight Female/Female Double Ended | Straight Female/Male Double Ended | 90° Female/Female Double Ended | Straight to 90° Female/Female Double Ended` | Straight to 90° Male/Female Double Ended |
| 673S3S*2* | 673S3P*2* | 663S3S*2* | 683S3S*2* | 683P3S*2* |
| 673S3S*5* | 673S3P*5* | 663S3S*5* | 683S3S*5* | 683P3S*5* |
| 673S3S*6* | 673S3P*6* | 663S3S*6* | 683S3S*6* | 683P3S*6* |
| 673S3S*XX* | 673S3P*XX* | 663S3S*XX* | 683S3S*XX* | 683P3S*XX* |
| 674S4S*2* | 674S4P*2* | 664S4S*2* | 684S4S*2* | 684P4S*2* |
| 674S4S*5* | 674S4P*5* | 664S4S*5* | 684S4S*5* | 684P4S*5* |
| 674S4S*6* | 674S4P*6* | 664S4S*6* | 684S4S*6* | 684P4S*6* |
| 674S4S*XX* | 674S4P*XX* | 664S4S*XX* | 684S4S*XX* | 684P4S*XX* |

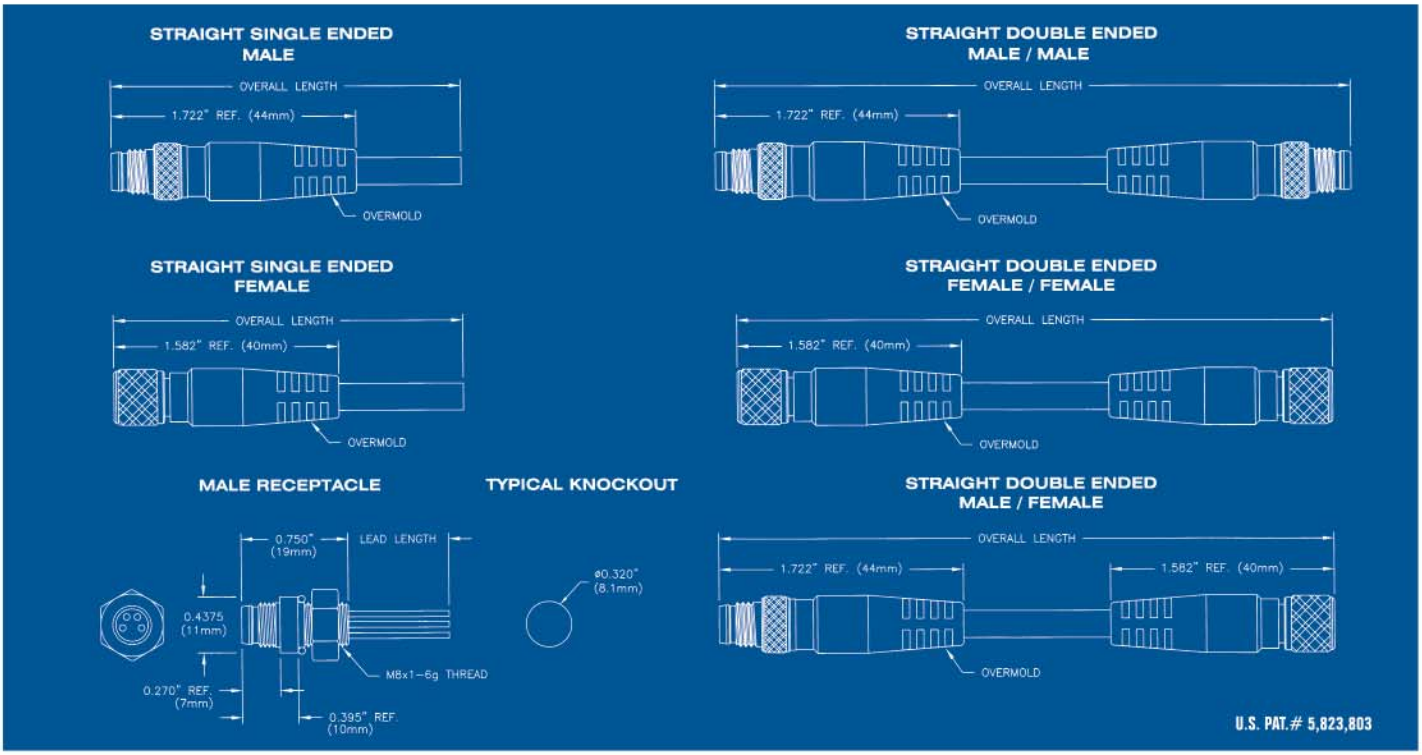
**Coupling Code Example:**
604SS2L = Snap Lock with Locking Ring
604SS2 = Snap Lock without Locking Ring
604ST2 = Threaded

**Note:** XX - Indicates "overall length / lead length" in meters

**Ordering Code Example:**
683P3S * XX *
- Optional L = Locking Ring
- Length in Meters
- S = Snap Lock, T = Threaded

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# NANO-MIZER® EMI/RFI SHIELDED
## MOLDED CONNECTOR ASSEMBLIES




| Face View Male | Rating | Overall Length Meters | Straight Inline Male Single Ended | Straight Female Single Ended | Straight Inline Male Double Ended | Straight Female/Female Double Ended | Straight Female/Male Double Ended | Receptacle Male .3 Meter Leads |
|---|---|---|---|---|---|---|---|---|
| | 4A 125V | 2 | SH603PT2 | SH603ST2 | SH673P3PT2 | SH673S3ST2 | SH673S3PT2 | SH613P.3 |
| | | 5 | SH603PT5 | SH603ST5 | SH673P3PT5 | SH673S3ST5 | SH673S3PT5 | |
| | | 6 | SH603PT6 | SH603ST6 | SH673P3PT6 | SH673S3ST6 | SH673S3PT6 | |
| | | Custom | SH603PTXX | SH603STXX | SH673P3PTXX | SH673S3STXX | SH673S3PTXX | SH613PXX |
| | 4A 125V | 2 | SH604PT2 | SH604ST2 | SH674P4PT2 | SH674S4ST2 | SH674S4PT2 | SH614P.3 |
| | | 5 | SH604PT5 | SH604ST5 | SH674P4PT5 | SH674S4ST5 | SH674S4PT5 | |
| | | 6 | SH604PT6 | SH604ST6 | SH674P4PT6 | SH674S4ST6 | SH674S4PT6 | |
| | | Custom | SH604PTXX | SH603STXX | SH674P4PTXX | SH674S4STXX | SH674S4PTXX | SH614PXX |

For mechanical, electrical and wiring sequence see page 33.

# SENSOR-LINK NANO-MIZER®

## MOLDED CONNECTOR ASSEMBLIES

## SENSOR LINK PRODUCT LINE NANO-MIZER® SPECIFICATIONS

### ELECTRICAL RATING

**VOLTAGE:** 300V, 4 Amps (Non-Shielded);
125V, 4 Amps (Shielded)

### CABLE ASSEMBLIES

**COUPLING NUT:** Nickel Plated Brass

**CONTACTS:** Copper Alloy, Gold-Plated

**INSERT:** G.F. Nylon

**MOLDED HEADS:** PVC

**O-RINGS:** Viton

**CABLE:** .25mm$^2$ (or approximately 24 AWG) PVC Insulated,Fine Stranded Copper Conductors, Yellow Oil Resistant PVC Jacketed 300V, ST, 105°C. UL Recognized, CSA Certified

### PANEL MOUNT ASSEMBLIES

**SHELLS:** Nickel plated brass

**CONTACTS:** Copper Alloy Gold-Plated

**INSERTS:** G.F. Nylon

**WIRE:** 24 AWG PVC Insulated, 300V UL Recognized, CSA Certified

### ENVIRONMENTAL

**PROTECTION:** NEMA 6P, IP67 & IP68

**OPERATING AMBIENT:** -20° to 105°C

### CERTIFICATIONS

**UL:** UL Recognized, File No. E-150822

**CSA:** CSA Certified File No.181200

### STANDARD NANO-MIZER WIRING SEQUENCE

**Panel Mounts and Cable Assemblies Conductor Color Code per Contact Position:**

**3 CONTACTS**

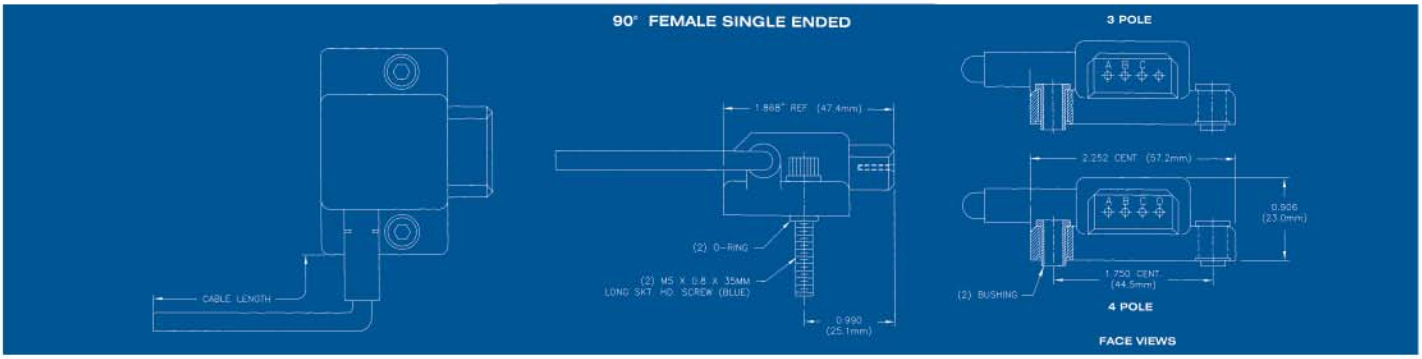
| | |
|---|---|
| 1. | BRN |
| 3. | BLU |
| 4. | BLK |

**4 CONTACTS**

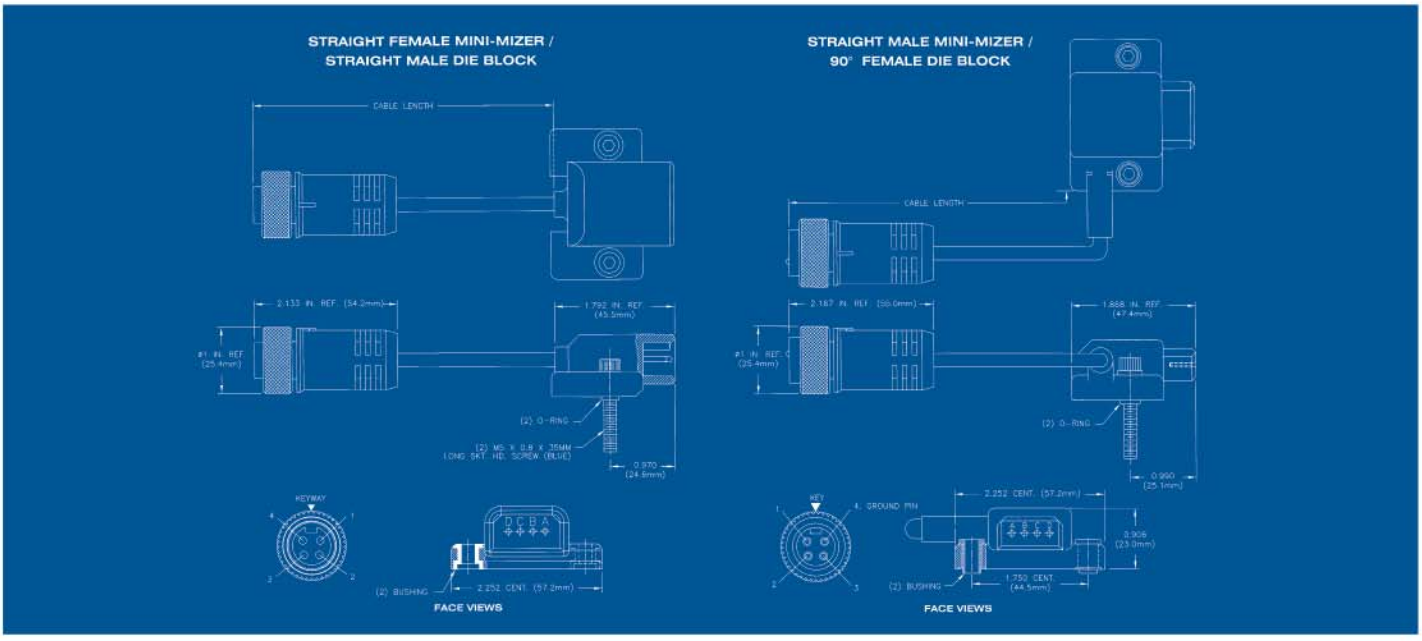
| | |
|---|---|
| 1. | BRN |
| 2. | WHT |
| 3. | BLU |
| 4. | BLK |

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# DIE BLOCK CONNECTORS
## MOLDED CONNECTOR ASSEMBLIES

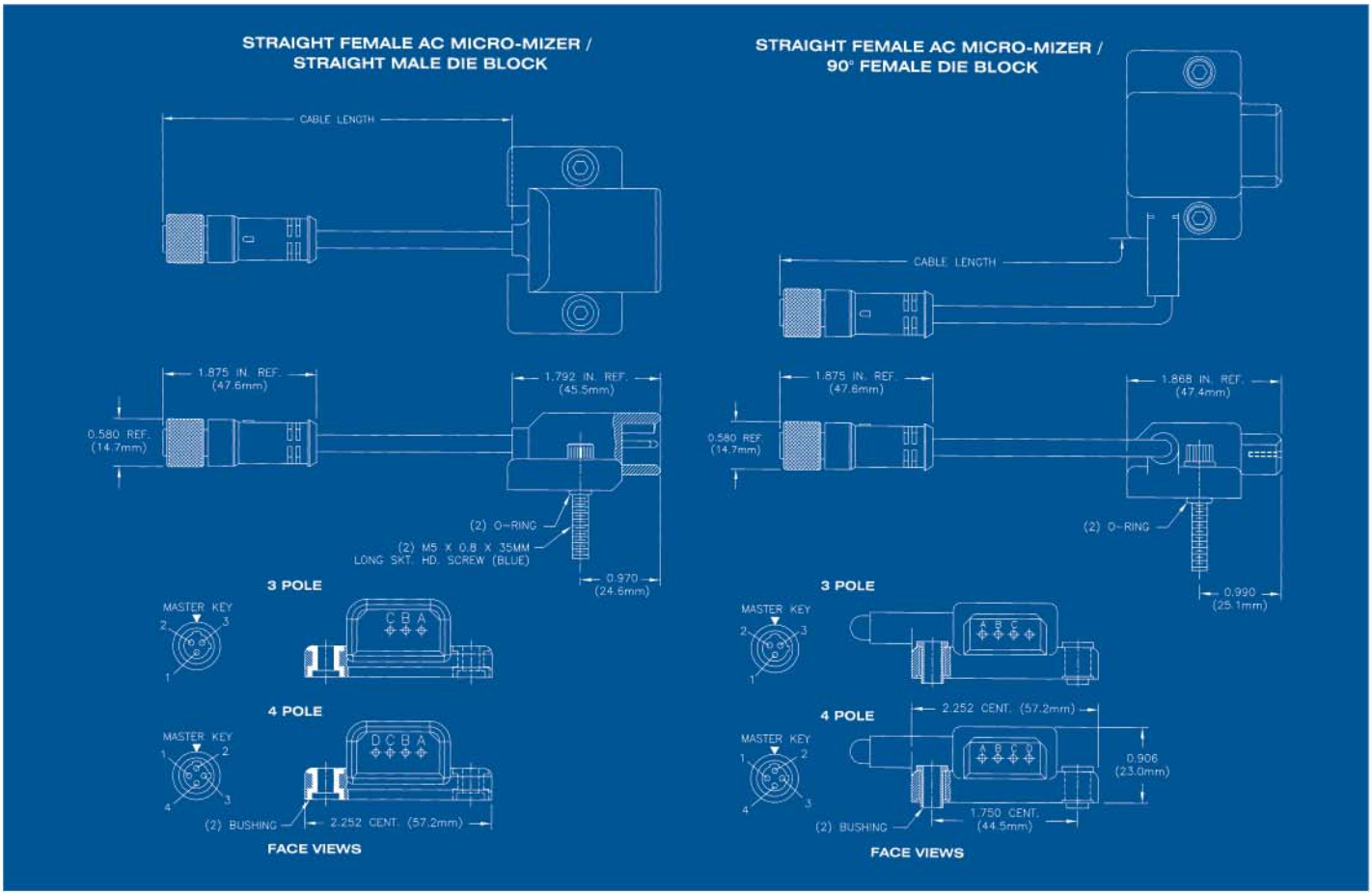



| Rating | Cable Length Feet | 3-Pole Yellow 90° Female Die Block | 3-Pole Blue 90° Female Die Block | 4-Pole Yellow 90° Female Die Block | 4-Pole Blue 90° Female Die Block |
|---|---|---|---|---|---|
| 7.5A | 6 | DBR3S3-6 | DBR3S2-6 | DBR4S3-6 | DBR4S2-6 |
| | 10 | DBR3S3-10 | DBR3S2-10 | DBR4S3-10 | DBR4S2-10 |
| 300VAC | 12 | DBR3S3-12 | DBR3S2-12 | DBR4S3-12 | DBR4S2-12 |
| 24VDC | 20 | DBR3S3-20 | DBR3S2-20 | DBR4S3-20 | DBR4S2-20 |
| | Custom | DBR3S3-XX | DBR3S2-XX | DBR4S3-XX | DBR4S2-XX |




| # Of Poles | Rating | Cable Length Feet | Yellow Straight Female Mini-Mizer to Straight Male Die Block | Blue Straight Female Mini-Mizer to Straight Male Die Block | Yellow Straight Male Mini-Mizer to 90° Female Die Block | Blue Straight Male Mini-Mizer to 90° Female Die Block |
|---|---|---|---|---|---|---|
| 4 | 7.5A | 1 | DB20S4SS4P3-1 | DB20S4SS4P2-1 | DB20S4PR4S3-1 | DB20S4PR4S2-1 |
| | | 2 | DB20S4SS4P3-2 | DB20S4SS4P2-2 | DB20S4PR4S3-2 | DB20S4PR4S2-2 |
| | 300VAC | 3 | DB20S4SS4P3-3 | DB20S4SS4P2-3 | DB20S4PR4S3-3 | DB20S4PR4S2-3 |
| | 24VDC | 4 | DB20S4SS4P3-4 | DB20S4SS4P2-4 | DB20S4PR4S3-4 | DB20S4PR4S2-4 |
| | | 6 | DB20S4SS4P3-6 | DB20S4SS4P2-6 | DB20S4PR4S3-6 | DB20S4PR4S2-6 |
| | | 12 | DB20S4SS4P3-12 | DB20S4SS4P2-12 | DB20S4PR4S3-12 | DB20S4PR4S2-12 |
| | | Custom | DB20S4SS4P3-XX | DB20S4SS4P2-XX | DB20S4PR4S3-XX | DB20S4PR4S2-XX |

XX - Indicates "Overall Length" in feet.
For mechanical, electrical and wiring sequence see page 37.



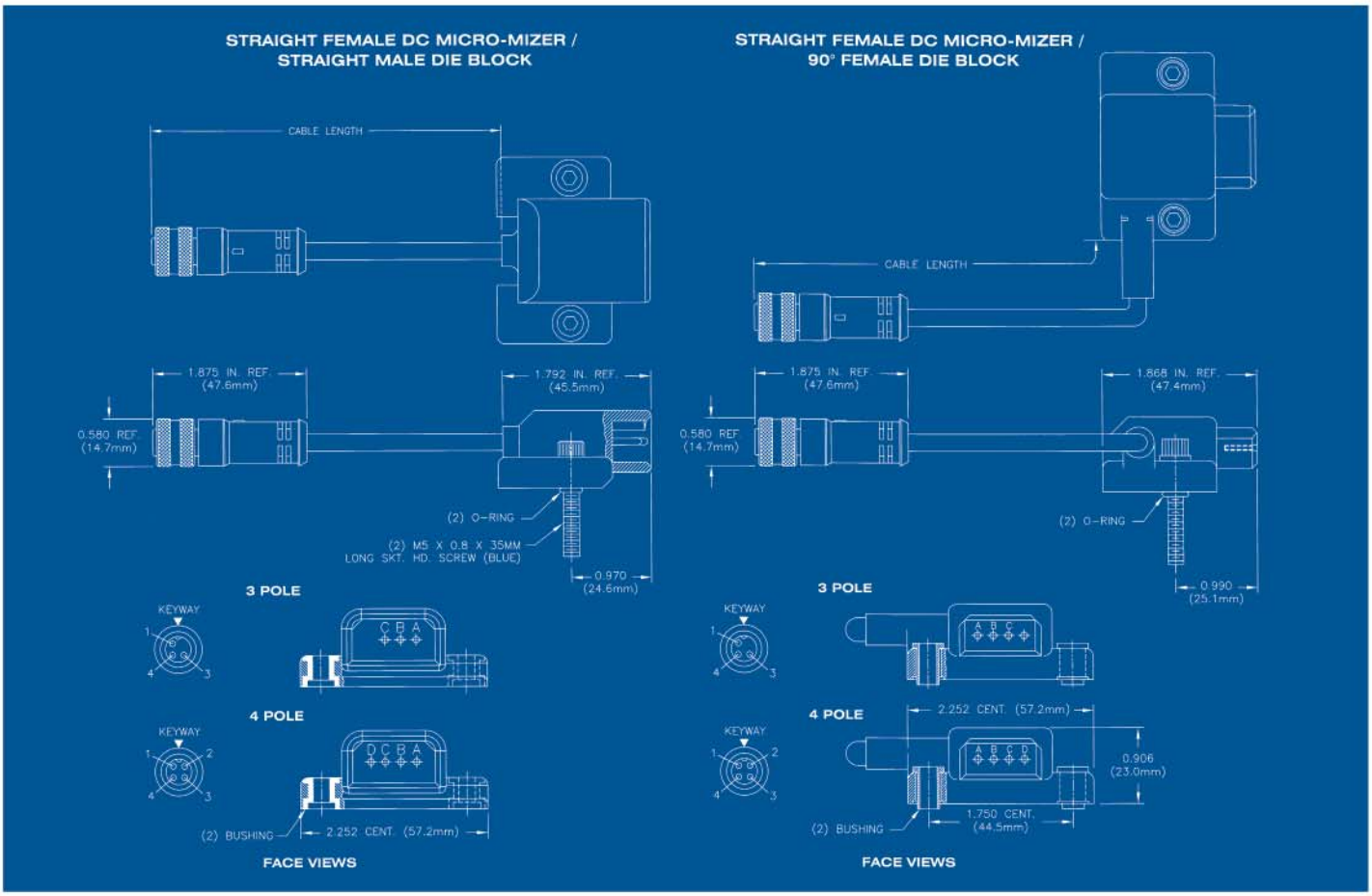

| # Of Poles | Rating | Cable Length Feet | Yellow Straight Female AC Micro-Mizer to Straight Male Die Block | Red Straight Female AC Micro-Mizer to Straight Male Die Block | Yellow Straight Female AC Micro-Mizer to 90° Female Die Block | Red Straight Female AC Micro-Mizer to 90° Female Die Block |
|---|---|---|---|---|---|---|
| 3 | 3A 300VAC 24VDC | 1 | DB40S3SS3P3-1 | DB40S3SS3P1-1 | DB40S3SR3S3-1 | DB40S3SR3S1-1 |
| | | 2 | DB40S3SS3P3-2 | DB40S3SS3P1-2 | DB40S3SR3S3-2 | DB40S3SR3S1-2 |
| | | 3 | DB40S3SS3P3-3 | DB40S3SS3P1-3 | DB40S3SR3S3-3 | DB40S3SR3S1-3 |
| | | 4 | DB40S3SS3P3-4 | DB40S3SS3P1-4 | DB40S3SR3S3-4 | DB40S3SR3S1-4 |
| | | 6 | DB40S3SS3P3-6 | DB40S3SS3P1-6 | DB40S3SR3S3-6 | DB40S3SR3S1-6 |
| | | 12 | DB40S3SS3P3-12 | DB40S3SS3P1-12 | DB40S3SR3S3-12 | DB40S3SR3S1-12 |
| | | Custom | DB40S3SS3P3-XX | DB40S3SS3P1-XX | DB40S3SR3S3-XX | DB40S3SR3S1-XX |
| 4 | 3A 300VAC 24VDC | 1 | DB40S4SS4P3-1 | DB40S4SS4P1-1 | DB40S4SR4S3-1 | DB40S4SR4S1-1 |
| | | 2 | DB40S4SS4P3-2 | DB40S4SS4P1-2 | DB40S4SR4S3-2 | DB40S4SR4S1-2 |
| | | 3 | DB40S4SS4P3-3 | DB40S4SS4P1-3 | DB40S4SR4S3-3 | DB40S4SR4S1-3 |
| | | 4 | DB40S4SS4P3-4 | DB40S4SS4P1-4 | DB40S4SR4S3-4 | DB40S4SR4S1-4 |
| | | 6 | DB40S4SS4P3-6 | DB40S4SS4P1-6 | DB40S4SR4S3-6 | DB40S4SR4S1-6 |
| | | 12 | DB40S4SS4P3-12 | DB40S4SS4P1-12 | DB40S4SR4S3-12 | DB40S4SR4S1-12 |
| | | Custom | DB40S4SS4P3-XX | DB40S4SS4P1-XX | DB40S4SR4S3-XX | DB40S4SR4S1-XX |

XX - Indicates "Overall Length" in feet.
For mechanical, electrical and wiring sequence see page 37.

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# DIE BLOCK CONNECTORS

## MOLDED CONNECTOR ASSEMBLIES




| # Of Poles | Rating | Cable Length Feet | Yellow Straight Female DC Micro-Mizer to Straight Male Die Block | Blue Straight Female DC Micro-Mizer to Straight Male Die Block | Yellow Straight Female DC Micro-Mizer to 90° Female Die Block | Blue Straight Female DC Micro-Mizer to 90° Female Die Block |
|---|---|---|---|---|---|---|
| 3 | 3A 300VAC 24VDC | 1 | DB30S3SS3P3-1 | DB30S3SS3P2-1 | DB30S3SR3S3-1 | DB30S3SR3S2-1 |
| | | 2 | DB30S3SS3P3-2 | DB30S3SS3P2-2 | DB30S3SR3S3-2 | DB30S3SR3S2-2 |
| | | 3 | DB30S3SS3P3-3 | DB30S3SS3P2-3 | DB30S3SR3S3-3 | DB30S3SR3S2-3 |
| | | 4 | DB30S3SS3P3-4 | DB30S3SS3P2-4 | DB30S3SR3S3-4 | DB30S3SR3S2-4 |
| | | 6 | DB30S3SS3P3-6 | DB30S3SS3P2-6 | DB30S3SR3S3-6 | DB30S3SR3S2-6 |
| | | 12 | DB30S3SS3P3-12 | DB30S3SS3P2-12 | DB30S3SR3S3-12 | DB30S3SR3S2-12 |
| | | Custom | DB30S3SS3P3-XX | DB30S3SS3P2-XX | DB30S3SR3S3-XX | DB30S3SR3S2-XX |
| 4 | 3A 300VAC 24VDC | 1 | DB30S4SS4P3-1 | DB30S4SS4P2-1 | DB30S4SR4S3-1 | DB30S4SR4S2-1 |
| | | 2 | DB30S4SS4P3-2 | DB30S4SS4P2-2 | DB30S4SR4S3-2 | DB30S4SR4S2-2 |
| | | 3 | DB30S4SS4P3-3 | DB30S4SS4P2-3 | DB30S4SR4S3-3 | DB30S4SR4S2-3 |
| | | 4 | DB30S4SS4P3-4 | DB30S4SS4P2-4 | DB30S4SR4S3-4 | DB30S4SR4S2-4 |
| | | 6 | DB30S4SS4P3-6 | DB30S4SS4P2-6 | DB30S4SR4S3-6 | DB30S4SR4S2-6 |
| | | 12 | DB30S4SS4P3-12 | DB30S4SS4P2-12 | DB30S4SR4S3-12 | DB30S4SR4S2-12 |
| | | Custom | DB30S4SS4P3-XX | DB30S4SS4P2-XX | DB30S4SR4S3-XX | DB30S4SR4S2-XX |

XX - Indicates "Overall Length" in feet.
For mechanical, electrical and wiring sequence see page 37.

# SENSOR-LINK
# DIE BLOCK CONNECTORS

## MOLDED CONNECTOR ASSEMBLIES

### SENSOR LINK PRODUCT LINE
## DIE BLOCK CONNECTORS SPECIFICATIONS

### ELECTRICAL RATING

**VOLTAGE:** 300 VAC
24 VDC

### MATERIALS

**COUPLING NUT:** Anodized Aluminum
**CONTACTS:** Copper Alloy, Gold-Plated
**MOLDED HEADS:** Polyurethane
**O-RINGS:** Viton
**CABLE:** 18 AWG, PVC Yellow Jacket Cable
**BUSHINGS:** Stainless Steel

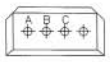
### STANDARD DIE BLOCK CONNECTOR WIRING SEQUENCE

Assembly Conductor Color Code per Contact Position:
(Below diagrams reflect Face View Female view)

#### Single Ended Die Block

**3 Pole:**

| | |
|---|---|
| A | BRN |
| B | BLU |
| C | BLK |

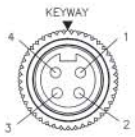



**4 Pole:**

| | |
|---|---|
| A | RED/BLK |
| B | RED/WHT |
| C | RED |
| D | GRN |

#### 4-Pole Mini-Mizer to Die Block

| | | | |
|---|---|---|---|
| 1 | RED/BLK | A | RED/BLK |
| 2 | RED/WHT | B | RED/WHT |
| 3 | RED | C | RED |
| 4 | GRN | D | GRN |



### STANDARD DIE BLOCK CONNECTOR WIRING SEQUENCE (continued)

#### AC Micro-Mizer to Die Block

**3 Pole:**

| | | | |
|---|---|---|---|
| 1 | GRN | A | GRN |
| 2 | RED/WHT | B | RED/WHT |
| 3 | RED/BLK | C | RED/BLK |

("D" Position of a 3-pole female die block is molded open to accept a 4-pole mate.)

**4 Pole:**

| | | | |
|---|---|---|---|
| 1 | RED/BLK | A | RED/BLK |
| 2 | RED/WHT | B | RED/WHT |
| 3 | RED | C | RED |
| 4 | GRN | D | GRN |

#### DC Micro-Mizer to Die Block

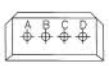
**3 Pole:**

| | | | |
|---|---|---|---|
| 1 | BRN | A | BRN |
| 2 | BLU | B | BLU |
| 3 | BLK | C | BLK |

("D" Position of a 3-pole female die block is molded open to accept a 4-pole mate.)

**4 Pole:**

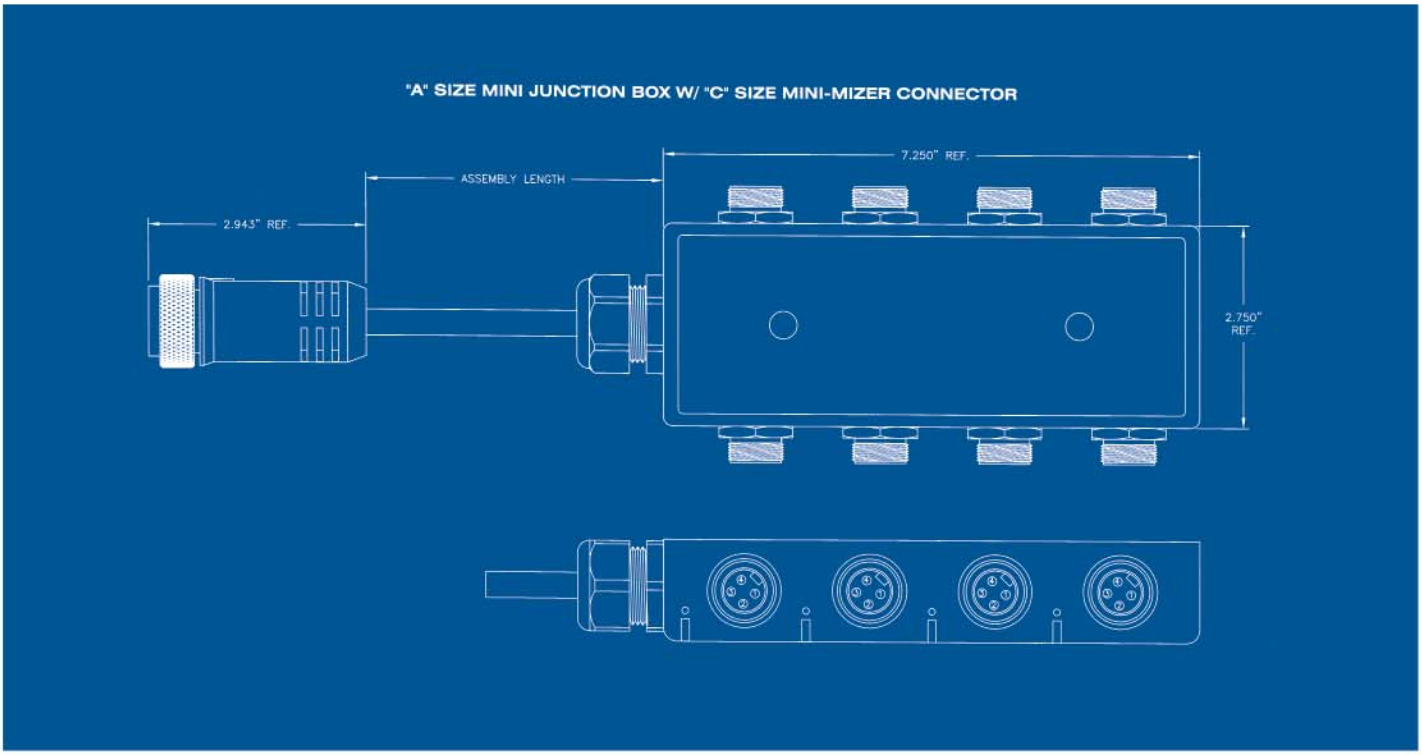
| | | | |
|---|---|---|---|
| 1 | BRN | A | BLK |
| 2 | WHT | B | BLU |
| 3 | BLU | C | WHT |
| 4 | BLK | D | BRN |



* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MULTI-PORT "A" Size MINI-MIZER®

## JUNCTION BOXES




## Junction Box P/N Sequence

**JM 08 5S N M15 A 1**

**Number of Ports:**

**Number of Contacts per Port:**

**Port Thread Type**
External
INternal

**Type of Input**
**Box Mounted Connector**
Number of Pin Contacts (2 thru 12)
OR
**Box Mounted Cable**
IXX - Cable Length in Inches

**Wiring**
11 – Series No Power LED & No Port LEDs
12 – Parallel No Power LED & No Port LEDs
13 – Series w/Power LED & No Port LEDs
14 – Parallel w/Power LED & No Port LEDs
15 – Series w/Power LED & Port LEDs
16 – Parallel w/Power LED & Port LEDs

**Cable Mounted Connector Type**
Blank – No Connector Provided
A – Mini A-Size (Same as # of Contacts in Ports)
B – Mini C-Size (12 for Standard, 19 for Twin)

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MULTI-PORT "A" Size MINI-MIZER®

## JUNCTION BOXES

**SENSOR LINK PRODUCT LINE**

## MULTI-PORT "A" Size MINI-MIZER® JUNCTION BOXES

### FEATURES

- 2, 3, 4, 5, 6 pole "A" Size Mini-Mizer I/O ports.
- Available in 4, 6, & 8 ports.
- Internally or externally threaded ports.
- Home Run Connector or Home Run Cable.
- Home Run Connector available in "A" & "C" Size Mini-Mizer.
- 36, 72, or 144 inch standard cable lengths.
- Customer specified lengths available upon request.
- Wiring can be parallel or series.
- Assemblies are epoxy sealed.
- Available with or without LEDs
- Uses standard cables, "Y" connectors and splitters available from Conxall.
- Port environmental covers are available.

### SPECIFICATIONS

- Junction Box is rated at 7 amps at 600 volts.
- Temperature rating: -20° C - +80° C.
- UL Recognized, File number E150822.
- Meets IP68 requirements.

### MATERIALS

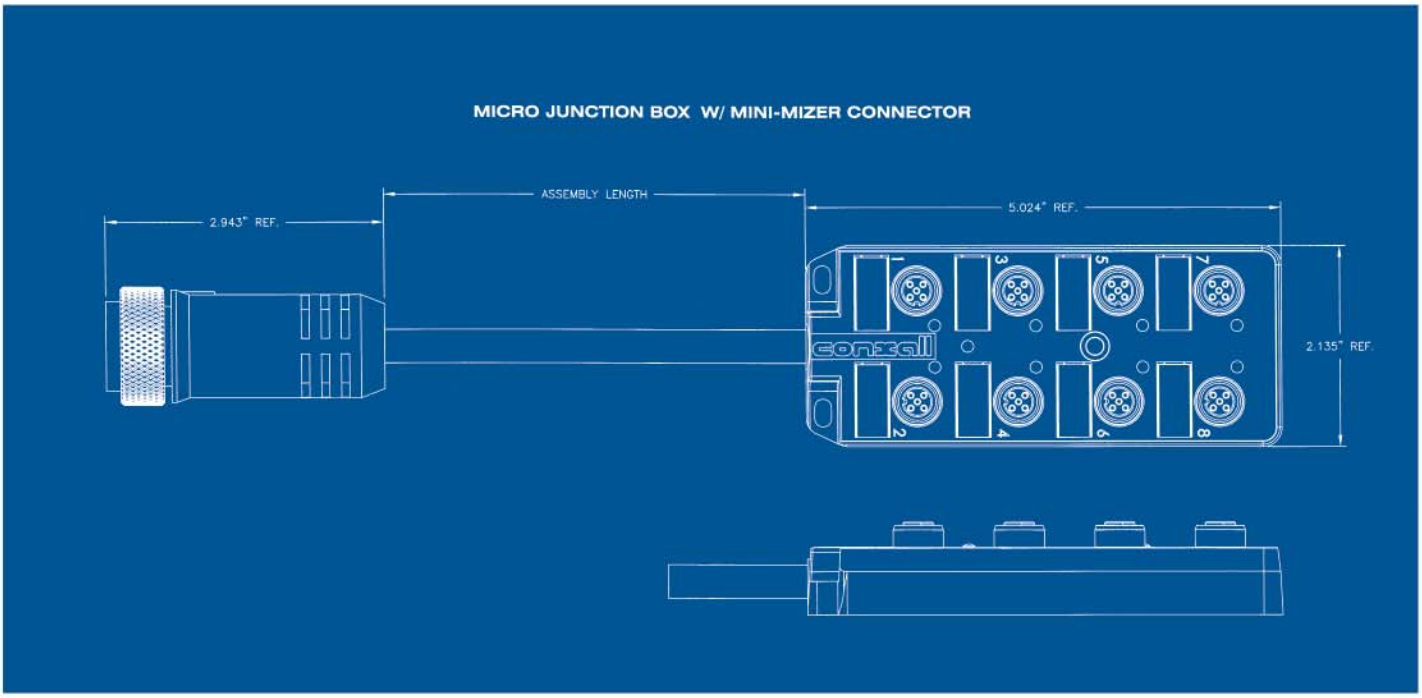
- Enclosure - PBT plastic
- Receptacle Shells - Anodized aluminum
- Consult factory for stainless steel or nickel plated brass receptacle shells.
- Contacts - Gold over nickel plated copper alloy
- Cable - 16 AWG, PVC Yellow Jacketed
- Connector Inserts - Santoprene

**Consult factory for wiring diagrams.**
**Consult factory for customization.**

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MULTI-PORT DC MICRO-MIZER®

## JUNCTION BOXES




### PNP CIRCUIT (current sinking) / NORMALLY OPEN OR NORMALLY CLOSED
### (1 green LED per box - power indicator / 1 yellow LED per port - I/O indicator)

| # OF PORTS | N/O - N/C | CABLE LENGTH | CONNECTOR | I/O PIN # | PART NUMBER |
|---|---|---|---|---|---|
| 8 | OPEN | 1 | NONE | 4 | JD085SNM15 |
| 8 | OPEN | 5 | NONE | 4 | JD085SNM55 |
| 8 | OPEN | 10 | NONE | 4 | JD085SNM105 |
| 8 | OPEN | 1 | 12 POLE MALE MINI | 4 | JD085SNM1B5 |
| 8 | OPEN | 5 | 12 POLE MALE MINI | 4 | JD085SNM5B5 |
| 8 | OPEN | 10 | 12 POLE MALE MINI | 4 | JD085SNM10B5 |
| 8 | CLOSED | 1 | NONE | 2 | JD085SNM16 |
| 8 | CLOSED | 5 | NONE | 2 | JD085SNM56 |
| 8 | CLOSED | 10 | NONE | 2 | JD085SNM106 |
| 8 | CLOSED | 1 | 12 POLE MALE MINI | 2 | JD085SNM1B6 |
| 8 | CLOSED | 5 | 12 POLE MALE MINI | 2 | JD085SNM5B6 |
| 8 | CLOSED | 10 | 12 POLE MALE MINI | 2 | JD085SNM10B6 |

### NPN CIRCUIT (current sourcing) / NORMALLY OPEN OR NORMALLY CLOSED
### (1 green LED per box - power indicator / 1 yellow LED per port - I/O indicator)

| # OF PORTS | N/O - N/C | CABLE LENGTH | CONNECTOR | I/O PIN # | PART NUMBER |
|---|---|---|---|---|---|
| 8 | OPEN | 1 | NONE | 4 | JD085SNM13 |
| 8 | OPEN | 5 | NONE | 4 | JD085SNM53 |
| 8 | OPEN | 10 | NONE | 4 | JD085SNM103 |
| 8 | OPEN | 1 | 12 POLE MALE MINI | 4 | JD085SNM1B3 |
| 8 | OPEN | 5 | 12 POLE MALE MINI | 4 | JD085SNM5B3 |
| 8 | OPEN | 10 | 12 POLE MALE MINI | 4 | JD085SNM10B3 |
| 8 | CLOSED | 1 | NONE | 2 | JD085SNM14 |
| 8 | CLOSED | 5 | NONE | 2 | JD085SNM54 |
| 8 | CLOSED | 10 | NONE | 2 | JD085SNM104 |
| 8 | CLOSED | 1 | 12 POLE MALE MINI | 2 | JD085SNM1B4 |
| 8 | CLOSED | 5 | 12 POLE MALE MINI | 2 | JD085SNM5B4 |
| 8 | CLOSED | 10 | 12 POLE MALE MINI | 2 | JD085SNM10B4 |

* Please visit the product pages on our website for the most up-to-date product information

## TWIN WIRED PNP CIRCUIT (current sinking)
### (1 green LED per box - power indicator / 2 yellow LED per port - I/O indicator)

| # OF PORTS | CABLE LENGTH | CONNECTOR | I/O PIN # | PART NUMBER |
|---|---|---|---|---|
| 8 | 1 | NONE | 2 & 4 | JD085SNM18 |
| 8 | 5 | NONE | 2 & 4 | JD085SNM58 |
| 8 | 10 | NONE | 2 & 4 | JD085SNM108 |
| 8 | 1 | 19 POLE MALE MINI | 2 & 4 | JD085SNM1B8 |
| 8 | 5 | 19 POLE MALE MINI | 2 & 4 | JD085SNM5B8 |
| 8 | 10 | 19 POLE MALE MINI | 2 & 4 | JD085SNM10B8 |

## TWIN WIRED NPN CIRCUIT (current sourcing)
### (1 green LED per box - power indicator / 2 yellow LED per port - I/O indicator)

| # OF PORTS | CABLE LENGTH | CONNECTOR | I/O PIN # | PART NUMBER |
|---|---|---|---|---|
| 8 | 1 | NONE | 2 & 4 | JD085SNM17 |
| 8 | 5 | NONE | 2 & 4 | JD085SNM57 |
| 8 | 10 | NONE | 2 & 4 | JD085SNM107 |
| 8 | 1 | 19 POLE MALE MINI | 2 & 4 | JD085SNM1B7 |
| 8 | 5 | 19 POLE MALE MINI | 2 & 4 | JD085SNM5B7 |
| 8 | 10 | 19 POLE MALE MINI | 2 & 4 | JD085SNM10B7 |

## POWER LED ONLY - NORMALLY OPEN OR NORMALLY CLOSED
### (1 green LED per box - power indicator / no port I/O LED indicator)

| # OF PORTS | N/O - N/C | CABLE LENGTH | CONNECTOR | I/O PIN # | PART NUMBER |
|---|---|---|---|---|---|
| 8 | OPEN | 1 | NONE | 4 | JD085SNM19 |
| 8 | OPEN | 5 | NONE | 4 | JD085SNM59 |
| 8 | OPEN | 10 | NONE | 4 | JD085SNM109 |
| 8 | OPEN | 1 | 12 POLE MALE MINI | 4 | JD085SNM1B9 |
| 8 | OPEN | 5 | 12 POLE MALE MINI | 4 | JD085SNM5B9 |
| 8 | OPEN | 10 | 12 POLE MALE MINI | 4 | JD085SNM10B9 |
| 8 | CLOSED | 1 | NONE | 2 | JD085SNM110 |
| 8 | CLOSED | 5 | NONE | 2 | JD085SNM510 |
| 8 | CLOSED | 10 | NONE | 2 | JD085SNM1010 |
| 8 | CLOSED | 1 | 12 POLE MALE MINI | 2 | JD085SNM1B10 |
| 8 | CLOSED | 5 | 12 POLE MALE MINI | 2 | JD085SNM5B10 |
| 8 | CLOSED | 10 | 12 POLE MALE MINI | 2 | JD085SNM10B10 |

## NO LED - NORMALLY OPEN OR NORMALLY CLOSED
### (no box LED power indicator / no port I/O LED indicator)

| # OF PORTS | N/O - N/C | CABLE LENGTH | CONNECTOR | I/O PIN # | PART NUMBER |
|---|---|---|---|---|---|
| 8 | OPEN | 1 | NONE | 4 | JD085SNM11 |
| 8 | OPEN | 5 | NONE | 4 | JD085SNM51 |
| 8 | OPEN | 10 | NONE | 4 | JD085SNM101 |
| 8 | OPEN | 1 | 12 POLE MALE MINI | 4 | JD085SNM1B1 |
| 8 | OPEN | 5 | 12 POLE MALE MINI | 4 | JD085SNM5B1 |
| 8 | OPEN | 10 | 12 POLE MALE MINI | 4 | JD085SNM10B1 |
| 8 | CLOSED | 1 | NONE | 2 | JD085SNM12 |
| 8 | CLOSED | 5 | NONE | 2 | JD085SNM52 |
| 8 | CLOSED | 10 | NONE | 2 | JD085SNM102 |
| 8 | CLOSED | 1 | 12 POLE MALE MINI | 2 | JD085SNM1B2 |
| 8 | CLOSED | 5 | 12 POLE MALE MINI | 2 | JD085SNM5B2 |
| 8 | CLOSED | 10 | 12 POLE MALE MINI | 2 | JD085SNM10B2 |

* Please visit the product pages on our website for the most up-to-date product information

# SENSOR-LINK
# MULTI-PORT DC MICRO-MIZER®

## JUNCTION BOXES

**SENSOR LINK PRODUCT LINE**

## MULTI-PORT DC MICRO-MIZER® JUNCTION BOXES

### FEATURES

- 5 pole 12 mm DC Micro I/O ports.
- Blunt cut cable, 12 pole male connector or 19 pole male connector options.
- 1, 5, or 10 meter standard cable lengths.
- Customer specified lengths available upon request.
- PNP (current sinking) or NPN (current sourcing) options.
- Normally Open (pin #4) or Normally Closed (pin #2) wiring options.
- Port designation tabs included.
- Environmental port covers included.
- Assemblies are epoxy sealed.
- Available with 2 I/O LEDs per port, 1 I/O LED per port, power LED only, or no LEDs.
- Custom assemblies built to customer specifications upon request.
- Uses standard cables, Y connectors, and splitters available from Conxall.

### SPECIFICATIONS

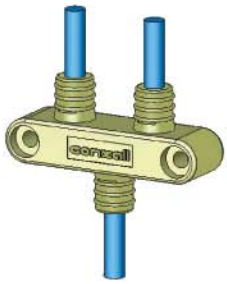
- Individual ports are rated at 4 amps at 30 volts.
- Junction box is rated at 12 amps at 30 volts.
- Temperature rating: -20° C - +80° C.
- UL Recognized, File number E150822.
- Meets IP68 requirements.

### MATERIALS

- Enclosure - Modified PPO plastic
- Receptacle Shells - Nickel plated brass
- Consult factory for stainless steel receptacle shells.
- Contacts - Gold over nickel plated copper alloy
- Cable - 8 - #22 & 3 - #18 with PVC insulation and PUR jacket.
- Connector inserts - Nylon
- Port environmental covers - Nylon
- Port designation tabs - Styrene

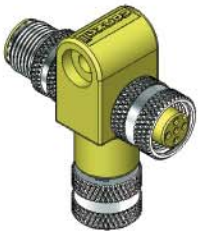
Consult factory for wiring diagrams.
Consult factory for 4 or 6 port options.
Consult factory for 4, 6, or 8 Port AC version Junction Boxes.

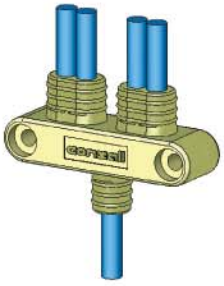
# NEW PRODUCTS

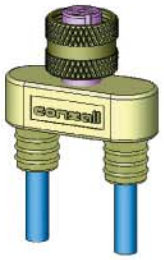


**MICRO-MIZER® / NANO-MIZER® "T" & "Y" SPLITTERS**

- Polyurethane Overmold
- Nickel plated brass coupling rings
- 4,5, or 8 positions available
- Available in series or parallel wiring
- With or without mounting tabs
- Various "T" configurations available
  - Micro-Mizer® male -to- Micro-Mizer® female with Micro-Mizer® female drop
  - Micro-Mizer® male -to- Micro-Mizer® female with Nano-Mizer® female drop
- Various "Y" configurations available
  - (1) Nano-Mizer® male -to- (2) Nano-Mizer® females
  - (1) Micro-Mizer® male -to- (2) Nano-Mizer® females
  - (1) Micro-Mizer® male -to- (2) Micro-Mizer® females







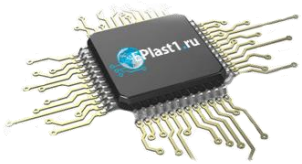
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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