

4

3

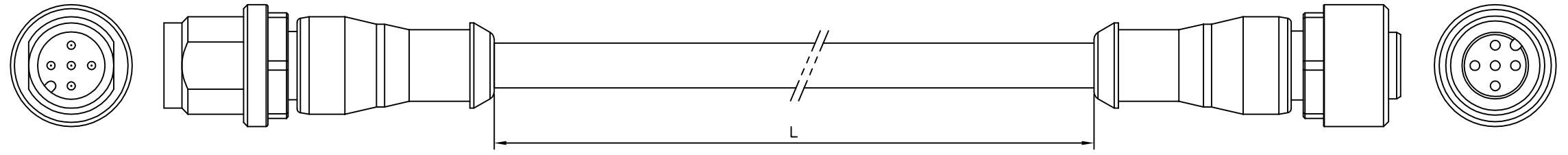
2

1

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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-----------------|-----------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| H | - | | A | INITIAL RELEASE | 22DEC2014 | GSK | BvH |
| | | | B | ECR-15-007034 | 07MAY2015 | GSK | BvH |
| | | | B1 | ECR-15-008302 | 02JUN2015 | GSK | BvH |

NOTES:
 Tolerances cable lengths:
 0m to 0.5m +30mm
 0.5m to 1.0m +50mm
 1.0m to 3.0m +100mm
 < 3.0m +1.5%



| Mechanical data | |
|-----------------|--|
| Housing: | M12 female straight, black |
| Screw: | M12x1 zinc pressure die casting surface Ni |
| Connection: | pluggable screw locking A/F 13 recommended breakaway torque 0.6Nm |
| Temp. range: | -25°C to +85°C (for connector) |
| Protection: | IP67 |

| Electrical data | |
|-----------------------|--------------------------------------|
| Nominal voltage: | max. 60V AC/DC (UL rating 30V AC/DC) |
| Rated current: | max. 4A per contact |
| Rated impuls voltage: | 1.5kV |
| Pollution degree: | 3 |
| Material group: | Categorie I according to IEC 60664-1 |
| Fieldbus: | CANopen / DeviceNet |

| LENGTH "L" | MATERIAL | JACKET COLOR | TE PN | DESCRIPTION | ITEM |
|------------|-----------|------------------|-------------|------------------|------|
| 75mtr | 5 pos PUR | BLACK | 1-2289297-6 | 5x22AWG PUR 75m | 16 |
| 60mtr | | | 1-2289297-5 | 5x22AWG PUR 60m | 15 |
| 45mtr | | | 1-2289297-4 | 5x22AWG PUR 45m | 14 |
| 35mtr | | | 1-2289297-3 | 5x22AWG PUR 35m | 13 |
| 25mtr | | | 1-2289297-2 | 5x22AWG PUR 25m | 12 |
| 20mtr | | | 1-2289297-1 | 5x22AWG PUR 20m | 11 |
| 15mtr | | | 1-2289297-0 | 5x22AWG PUR 15m | 10 |
| 13mtr | | | 2289297-9 | 5x22AWG PUR 13m | 9 |
| 12mtr | | | 2289297-8 | 5x22AWG PUR 12m | 8 |
| 10mtr | | | 2289297-7 | 5x22AWG PUR 10m | 7 |
| 9mtr | | | 2289297-6 | 5x22AWG PUR 9m | 6 |
| 7.5mtr | | | 2289297-5 | 5x22AWG PUR 7.5m | 5 |
| 6mtr | | | 2289297-4 | 5x22AWG PUR 6m | 4 |
| 4.5mtr | | | 2289297-3 | 5x22AWG PUR 4.5m | 3 |
| 3mtr | | | 2289297-2 | 5x22AWG PUR 3m | 2 |
| 1.5mtr | 2289297-1 | 5x22AWG PUR 1.5m | 1 | | |

D

D

C

C

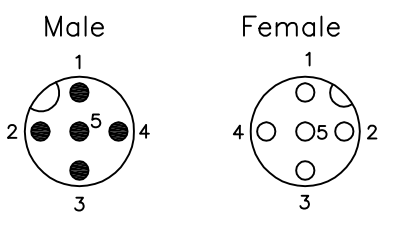
B

B

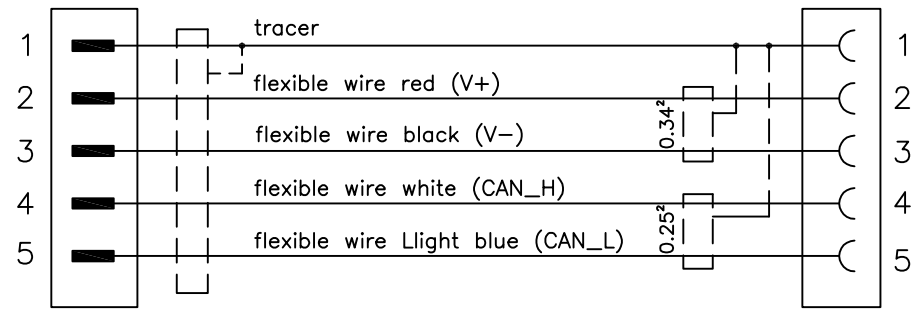
A

A

Contact Layout



Schematic diagram



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|----------------|--|--|-----|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | |
| | | 0 PLC | ± - |
| | | 1 PLC | ± - |
| | | 2 PLC | ± - |
| | | 3 PLC | ± - |
| | | 4 PLC | ± - |
| MATERIAL | | FINISH | |
| - | | - | |

| | |
|------------------|-----------|
| DWN | 22DEC2014 |
| SATHISH KUMAR G | |
| CHK | 22DEC2014 |
| B.VELDHOVEN | |
| APVD | 22DEC2014 |
| A.VAN ZANDVOORT | |
| PRODUCT SPEC | |
| 108-19483 | |
| APPLICATION SPEC | |
| 114-32127 | |
| WEIGHT | |
| - | |

STE TE Connectivity

NAME: M12 STRGT PLUG TO M12 STRGT SOCKET AA

| | | | |
|------|-----------|------------|---------------|
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A3 | 00779 | C=2289297 | - |

CUSTOMER DRAWING SCALE: NTS SHEET: 1 of 2 REV: B1

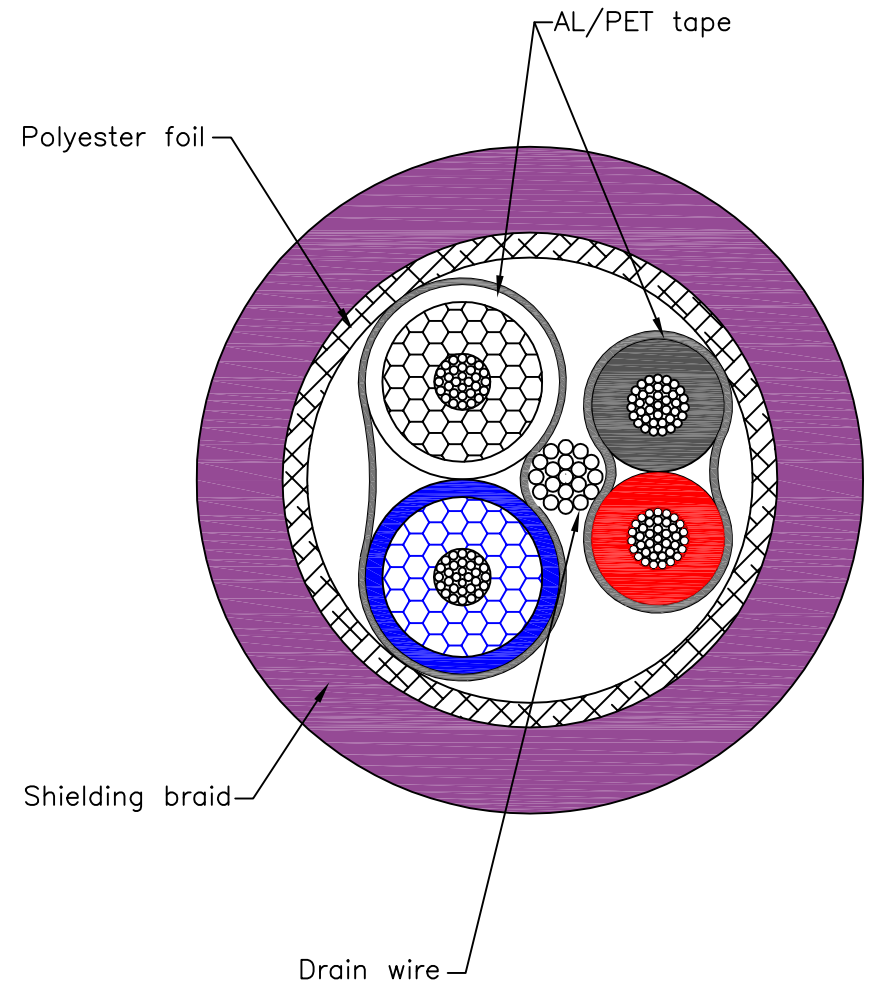
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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| H | - | - | - | SEE SHEET 1 | - | - | - |

NOTES:
 Tolerances cable lengths:
 0m to 0.5m +30mm
 0.5m to 1.0m +50mm
 1.0m to 3.0m +100mm
 < 3.0m +1.5%

CABLE DATA SHEET

| | | |
|---|---|----------|
| Cable diameter | 2x0.25+ 2x0.34mm ² | 6.9mm±5% |
| Conductor colors | DATA PAIR: BLUE, WHITE 0.25mm ² ; POWER PAIR: BLACK, RED 0.34mm ² | |
| Conductor construction | 0.25: tinned copper wire 22/19AWG, paired in AL/PET tape 0.34mm ² : tinned copper wire 24/19AWG, paired in AL/PET tape | |
| Conductor isolation DIN VDE 0207-7 | 0.25mm ² : solid polyethylene outer dia 2.10mm ±5% 0.34mm ² : foam skin polyethylene outer dia 1.55mm ±5% | |
| Banding | Polyester foil, tinned copper wires (coverage min. 65%), drain wire 24/19AWG | |
| Outer jacket | Halogen free PUR, color: Violet | |
| Resistance | Good oil, petrol and chemical resistance, UV resistance compliant UL1581 | |
| Electrical data Nominal voltage Dielectric strength | 300v max operating voltage cond/cond, cond/shield: 1.5kVac/1min | |
| Temperature range | -40°C to +80°C Fixed -30°C to +70°C Flexible | |
| Drag chain data | Translation speed: < 3.0m/s; acceleration: < 3.0m/s (proper installation) Bending radius:6x outer dia (static); 12x outer dia (axial drag chain) | |
| Drag chain data Torsion range | 12x outer diameter, max. 5 million cycles Not recommended for torsion | |
| Permission | UL (AWM style 20233), CSA | |
| Manufacturer & type | CEAM 0502688 | |



| | | | | |
|---|--|-----------------------------------|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 22DEC2014 SATHISH KUMAR G | STE TE Connectivity | |
| | | CHK 22DEC2014 B.VELDHOVEN | | |
| DIMENSIONS: mm | | APVD 22DEC2014 A.VAN ZANDVOORT | NAME M12 STRGT PLUG TO M12 STRGT SOCKET AA | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - | | PRODUCT SPEC 108-19483 | SIZE A3 | |
| MATERIAL - | | APPLICATION SPEC 114-32127 | CAGE CODE 00779 | DRAWING NO C=2289297 |
| | | WEIGHT - | RESTRICTED TO - | |
| CUSTOMER DRAWING | | | SCALE NTS | SHEET 2 of 2 |
| | | | REV B1 | |



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- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- 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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