


Actuator/Sensor Connectors




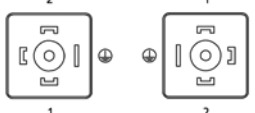
Double-ended Overmolded Cordset, M12 to Valve Connectors as per DIN EN 175301-803, Type A

Technical Information

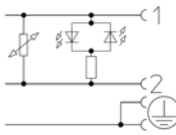
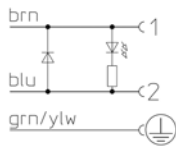

| Product Description | | |
|--|--|--|
| Order Designation | RST-VAD 1A RST-VAD 1F | RST-VAD 3C-4-1 RST-VAD 3C-4-2 |
| Description | Actuator cordset, M12 male with self-locking screw coupling to valve connector as per DIN EN 175301-803, type A, 3-pin, protection circuit using varistor (yellow LED), or recovery diode (VAD 1F) | Sensor cordset, M12 male with self-locking screw coupling to connector for pressure switch as per DIN EN 175301-803, type A, 5-pin, yellow LED and green operation indicator |
| RoHS-Compliant (2011/65/EU) | Yes | |
| (Construction Type) Standard | IEC 61076-2-101 (M12), DIN EN 175301-803 (valve connector) | |
| Approvals | - | |
| Technical Data | | |
| Ambient Temperature | -25 °C to +80 °C (connectors), mind cable temperature range | |
| Housing Material/Grip | TPU | |
| Contact Holder Material | RST: TPU, VAD: PBT | |
| Contact Material/Surface Finish | RST: CuZn, nickel underlay and gold-plated, VAD: CuZn, nickel-plated and tin-plated | |
| Screw Coupling Material | CuZn, nickel-plated | |
| Mechanical Data | | |
| Degree of Protection | IP67 (only when mated with Hirschmann/Lumberg counterparts) | |
| Electrical Data | | |
| Contact Resistance | ≤ 5 mΩ | |
| Rated Voltage | 32 V (varistor: 47 V at 0.1 mA) | |
| Rated Current | 4 A | |
| Pollution Degree | 3 | |
| Technical Drawing | | |
|  | | |

L = Standard length of cable

Pin Assignment

| 3-pin | VAD 1A/VAD 1F | 5-pin | VAD 3C-4-1/ VAD 3C-4-2 |
|---|---|---|---|
|  <ul style="list-style-type: none"> 1 = n.c. 2 = n.c. 3 = blue 4 = brown 5 = green/yellow |  <ul style="list-style-type: none"> 1 = brown 2 = blue ⊕ = green/yellow |  <ul style="list-style-type: none"> 1 = brown 2 = white 3 = blue 4 = black 5 = green/yellow |  <ul style="list-style-type: none"> 1 = brown 2 = white 3 = black LED = blue ⊕ = green/yellow |

Circuit Diagram

| VAD 1A | VAD 1F | VAD 3C |
|---|---|---|
|  |  |  |

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Order Information

| Order No. | Order Designation | No. of Pins | Jacket | Characteristics |
|-----------|------------------------------|-------------|---|-----------------|
| 11910 | RST 5-3-VAD 1A-1-3-226/0.3 M | 3 | PUR jacket, halogen-free, black | |
| 11911 | RST 5-3-VAD 1A-1-3-226/0.6 M | 3 | PUR jacket, halogen-free, black | |
| 11912 | RST 5-3-VAD 1A-1-3-226/1 M | 3 | PUR jacket, halogen-free, black | |
| 11913 | RST 5-3-VAD 1A-1-3-226/1.5 M | 3 | PUR jacket, halogen-free, black | |
| 11915 | RST 5-3-VAD 1A-1-3-226/2 M | 3 | PUR jacket, halogen-free, black | |
| 11917 | RST 5-3-VAD 1A-1-3-226/5 M | 3 | PUR jacket, halogen-free, black | |
| 47019 | RST 5-3-VAD 1A-1-3-241/0.3 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11918 | RST 5-3-VAD 1A-1-3-241/0.6 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11919 | RST 5-3-VAD 1A-1-3-241/1 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11920 | RST 5-3-VAD 1A-1-3-241/1.5 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11921 | RST 5-3-VAD 1A-1-3-241/2 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 44380 | RST 5-3-VAD 1A-1-3-241/5 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 47020 | RST 5-3-VAD 1F-4-3-226/0.3 M | 3 | PUR jacket, halogen-free, black | |
| 11922 | RST 5-3-VAD 1F-4-3-226/0.6 M | 3 | PUR jacket, halogen-free, black | |
| 11923 | RST 5-3-VAD 1F-4-3-226/1 M | 3 | PUR jacket, halogen-free, black | |
| 11924 | RST 5-3-VAD 1F-4-3-226/1.5 M | 3 | PUR jacket, halogen-free, black | |
| 11925 | RST 5-3-VAD 1F-4-3-226/2 M | 3 | PUR jacket, halogen-free, black | |
| 47022 | RST 5-3-VAD 1F-4-3-226/5 M | 3 | PUR jacket, halogen-free, black | |
| 46905 | RST 5-3-VAD 1F-4-3-241/0.3 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11110 | RST 5-3-VAD 1F-4-3-241/0.6 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11927 | RST 5-3-VAD 1F-4-3-241/1 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11109 | RST 5-3-VAD 1F-4-3-241/1.5 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11929 | RST 5-3-VAD 1F-4-3-241/2 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 46906 | RST 5-3-VAD 1F-4-3-241/5 M | 3 | PUR jacket, halogen-free, welding spark proof, orange | |
| 27464 | RST 5-VAD 3C-4-1-228/0.3 M | 5 | PUR jacket, halogen-free, black | |
| 12061 | RST 5-VAD 3C-4-1-228/0.6 M | 5 | PUR jacket, halogen-free, black | |
| 12062 | RST 5-VAD 3C-4-1-228/1 M | 5 | PUR jacket, halogen-free, black | |
| 12063 | RST 5-VAD 3C-4-1-228/1.5 M | 5 | PUR jacket, halogen-free, black | |
| 12064 | RST 5-VAD 3C-4-1-228/2 M | 5 | PUR jacket, halogen-free, black | |
| 18252 | RST 5-VAD 3C-4-1-228/5 M | 5 | PUR jacket, halogen-free, black | |
| 11107 | RST 5-VAD 3C-4-1-259/0.3 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11106 | RST 5-VAD 3C-4-1-259/0.6 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11105 | RST 5-VAD 3C-4-1-259/1 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11104 | RST 5-VAD 3C-4-1-259/1.5 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11103 | RST 5-VAD 3C-4-1-259/2 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11102 | RST 5-VAD 3C-4-1-259/5 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11101 | RST 5-VAD 3C-4-2-228/0.3 M | 5 | PUR jacket, halogen-free, black | |
| 934888108 | RST 5-VAD 3C-4-2-228/0.6 M | 5 | PUR jacket, halogen-free, black | |
| 934888110 | RST 5-VAD 3C-4-2-228/1 M | 5 | PUR jacket, halogen-free, black | |
| 934888109 | RST 5-VAD 3C-4-2-228/1.5 M | 5 | PUR jacket, halogen-free, black | |
| 934888111 | RST 5-VAD 3C-4-2-228/2 M | 5 | PUR jacket, halogen-free, black | |
| 934888059 | RST 5-VAD 3C-4-2-228/5 M | 5 | PUR jacket, halogen-free, black | |
| 11106 | RST 5-VAD 3C-4-2-259/0.3 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11099 | RST 5-VAD 3C-4-2-259/0.6 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11098 | RST 5-VAD 3C-4-2-259/1 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 934457106 | RST 5-VAD 3C-4-2-259/1.5 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |
| 11105 | RST 5-VAD 3C-4-2-259/5 M | 5 | PUR jacket, halogen-free, welding spark proof, orange | |



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- Поставка более 17-ти миллионов наименований электронных компонентов;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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