



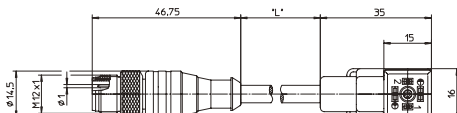
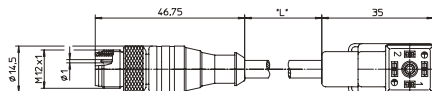
# HIRSCHMANN

A BELDEN BRAND

## Actuator/Sensor Connectors

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

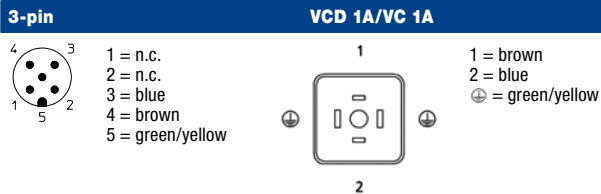
#### Technical Information

| Product Description             |                                                                                                                                                                                  |                                                                                                                                                                                             |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order Designation               | RST-VCD                                                                                                                                                                          | RST-VC                                                                                                                                                                                      |
|                                 |                                                                                                 |                                                                                                           |
| Description                     | Actuator cordset, M12 male, with self-locking screw coupling to valve connector as per DIN EN 175301-803, type C (8.0 mm), 3-pin, protection circuit using varistor (yellow LED) | Actuator cordset, M12 male, with self-locking screw coupling to valve connector based on DIN EN 175301-803, industrial type (9.4 mm), 3-pin, protection circuit using varistor (yellow LED) |
| 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, VCD/VC: PBT                                                                                                                                                            |                                                                                                                                                                                             |
| Contact Material/Surface Finish | RST: CuZn, nickel underlay and gold-plated, VCD/VC: 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              | ≤ 10 mΩ                                                                                                                                                                          | ≤ 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

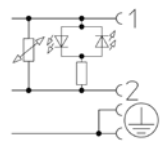
# Be Certain with Belden

## Pin Assignment



## Circuit Diagram

### VCD 1A/VC 1A



## Order Information

| Order No. | Order Designation            | No. of Pins | Jacket                                            | Characteristics |
|-----------|------------------------------|-------------|---------------------------------------------------|-----------------|
| 12005     | RST 5-3-VCD 1A-1-3-226/0.3 M | 3           | PUR, halogen-free, black                          |                 |
| 12006     | RST 5-3-VCD 1A-1-3-226/0.6 M | 3           | PUR, halogen-free, black                          |                 |
| 12007     | RST 5-3-VCD 1A-1-3-226/1 M   | 3           | PUR, halogen-free, black                          |                 |
| 12008     | RST 5-3-VCD 1A-1-3-226/1.5 M | 3           | PUR, halogen-free, black                          |                 |
| 12009     | RST 5-3-VCD 1A-1-3-226/2 M   | 3           | PUR, halogen-free, black                          |                 |
| 26461     | RST 5-3-VCD 1A-1-3-226/5 M   | 3           | PUR, halogen-free, black                          |                 |
| 46913     | RST 5-3-VCD 1A-1-3-241/0.3 M | 3           | PUR, halogen-free and welding spark proof, orange |                 |
| 12011     | RST 5-3-VCD 1A-1-3-241/0.6 M | 3           | PUR, halogen-free and welding spark proof, orange |                 |
| 12012     | RST 5-3-VCD 1A-1-3-241/1 M   | 3           | PUR, halogen-free and welding spark proof, orange |                 |
| 12013     | RST 5-3-VCD 1A-1-3-241/1.5 M | 3           | PUR, halogen-free and welding spark proof, orange |                 |
| 12014     | RST 5-3-VCD 1A-1-3-241/2 M   | 3           | PUR, halogen-free and welding spark proof, orange |                 |
| 46914     | RST 5-3-VCD 1A-1-3-241/5 M   | 3           | PUR, halogen-free and welding spark proof, orange |                 |
| 16997     | RST 5-3-VC 1A-1-3-226/0.3 M  | 3           | PUR, halogen-free, black                          |                 |
| 16996     | RST 5-3-VC 1A-1-3-226/0.6 M  | 3           | PUR, halogen-free, black                          |                 |
| 16995     | RST 5-3-VC 1A-1-3-226/1 M    | 3           | PUR, halogen-free, black                          |                 |
| 43833     | RST 5-3-VC 1A-1-3-226/1.5 M  | 3           | PUR, halogen-free, black                          |                 |
| 43834     | RST 5-3-VC 1A-1-3-226/2 M    | 3           | PUR, halogen-free, black                          |                 |
| 43835     | RST 5-3-VC 1A-1-3-226/5 M    | 3           | PUR, halogen-free, black                          |                 |

# Mouser Electronics

Authorized Distributor

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## Lumberg Automation:

[RST 5-3-VC 1A-1-3-226/0.6 M](#) [RST 5-3-VC 1A-1-3-226/1 M](#) [RST 5-3-VCD 1A-1-3-226/1 M](#) [RST 5-3-VCD 1A-1-3-226/1.5 M](#) [RST 5-3-VCD 1A-1-3-226/2 M](#) [RST 5-3-VCD 1A-1-3-226/5 M](#) [RST 5-3-VC 1A-1-3-226/0.3 M](#) [RST 5-3-VC 1A-1-3-226/10 M](#) [RST 5-3-VC 1A-1-3-226/2M](#) [RST 5-3-VC 1A-1-3-226/5 M](#) [RST 5-3-VCD 1A-1-3-226/0.3 M](#) [RST 5-3-VCD 1A-1-3-226/0.6 M](#) [RST 5-3-VCD 1A-1-3-226/3 M](#) [RST 5-3-VCD 1A-1-3-241/0.6 M](#)