

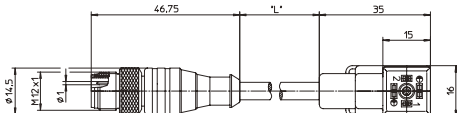
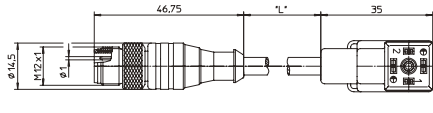




Actuator/Sensor Connectors

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

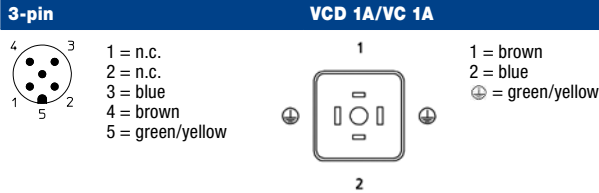
Technical Information

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

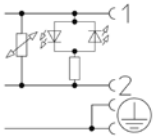
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Pin Assignment



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	