



**Product information**  
**RST 5-3-VBD 1A-1-1-241 -**  
**RST 5-3-VBD 1A-1-1-241/0,3 M**  
**46908**

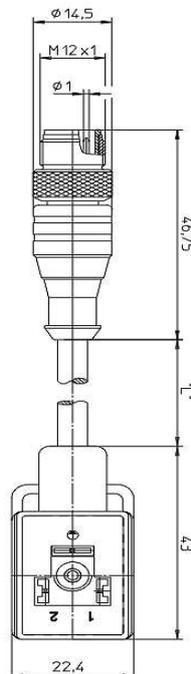
<b>Name</b>	RST 5-3-VBD 1A-1-1-241
	
	Actuator cordset, double-ended, M12 male connector with self-locking threaded joint and valve connector according to DIN EN 175301-803, form B, 3 poles, cable exit 0°, varistor voltage protection (LED yellow), PUR jacket, halogen free, orange, 0.3 meters.
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Type</b>	RST 5-3-VBD 1A-1-1-241/0,3 M
<b>Order No.</b>	46908
<b>Description</b>	Actuator cordset, double-ended, M12 male connector with self-locking threaded joint and valve connector according to DIN EN 175301-803, form B, 3 poles, cable exit 0°, varistor voltage protection (LED yellow), PUR jacket, halogen free, orange, 0.3 meters.
<b>Note</b>	The application of these products in harsh environments should always be checked before use.
<b>Number of contacts</b>	3
<b>Color of housing</b>	black
<b>Color of Housing, side 2</b>	black translucent
<b>Product characteristics</b>	Welding sparks resistance, Drag chains
<b>Classification</b>	
<b>Belden brand</b>	Lumberg-Automation
<b>Mechanical data</b>	
<b>Type of plug-in contact</b>	Male connector
<b>Type of plug-in contact, side 2</b>	Male connector
<b>Design of housing</b>	straight
<b>Design of housing, side 2</b>	valve B
<b>Thread</b>	M12
<b>Thread, side 2</b>	other
<b>Design of electrical connection</b>	screw connection
<b>Design of electrical connection, side 2</b>	valve plug
<b>Coding of the M12 round plug connector</b>	A
<b>LED display present</b>	✔
<b>Environmental conditions</b>	
<b>Environmental temperature</b>	-25 °C ... 80 °C
<b>Degree of protection (IP), mounted</b>	IP67
<b>Pollution degree</b>	3
<b>Materials</b>	
<b>Housing material / Molded body</b>	TPU
<b>Housing material / Molded body, side 2</b>	TPU
<b>Contact bearer material</b>	TPU
<b>Contact bearer material, side 2</b>	PBT
<b>Contact material</b>	CuZn (M12)
<b>Contact material - Surface refinement</b>	pre-nickelated and 0.3 microns gold-plated
<b>Contact material, side 2</b>	CuZn
<b>Contact material - Surface refinement, side 2</b>	pre-nickelated and tin-plated
<b>Knurled screw / nut material</b>	CuZn, nickel-plated
<b>Electrical data</b>	
<b>Rated current In</b>	4 A at 40°C

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



Nominal voltage	24 V
Rated voltage	32 V
Test voltage	1.5 kV eff./60 s
Insulation resistance	> 1 GΩ
<b>Approvals</b>	
Approvals	UL
<b>Cable</b>	
Cable length	0.3 m
Cable number	241
Cable description	Control cable
Color of jacket	orange
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓
shielded	✗
welding spark proof	✓
Outer diameter of the cable	5 mm
Number of conductors	3
Cable design	3 x 0.50 mm <sup>2</sup>
Conductor design	16 x 0.21 mm
Flame resistant according to standard	yes

[Picture](#)  
[Drawing](#)



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