

RST-RKWT/LED

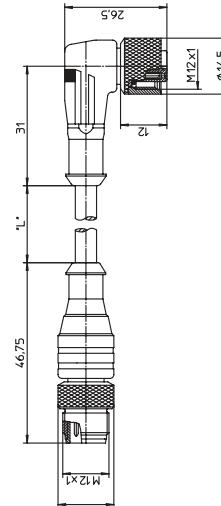


**M12-Round-Plug Connector, Double-Ended Cordsets,
According to IEC 61076-2-101**

3- and 4-Poles

Actuator/sensor cordset, double-ended, M12, 3- and 4-poles, male straight to female 90° connector with LED operation and function indicator, self-locking thread and molded cable.

RST-RKWT/LED



Pin Assignments

M12 - Male		Wiring Diagrams / LED		
3 poles	4 poles	A pnp Normally open yellow-green	P pnp Normally closed/open yellow-green	R pnp Normally closed/open yellow-red-green
<p>1 = brown 2 = n.c. 3 = blue 4 = black</p>	<p>1 = brown 2 = white 3 = blue 4 = black</p>	<p>braun/brown schwarz/ black blau/blue</p>	<p>braun/brown weiß/white schwarz/ black blau/blue</p>	<p>braun/brown weiß/white schwarz/ black blau/blue</p>



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Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
Operating temperature range -25°C (-13°F) / +80°C (+176°F)

Mechanical

















Housing / Molded body TPU
Insert TPU
Contact RST: CuSn, pre-nickel and 0.8 microns gold-plated
RKWT/LED: CuSn, pre-nickel and 0.3 microns gold-plated
Coupling nut CuZn, nickel-plated
O-ring FKM (only RKWT/LED)

Electrical

Nominal current at 40°C 4 A
Nominal voltage 10–30 V DC
Rated voltage 32 V
Insulation resistance > 10⁹ Ω
Pollution degree 3

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
224	PUR, halogen-free	3 x 0.34 mm ²	Black	.169" (4.3 mm)
225	PUR, halogen-free	4 x 0.34 mm ²	Black	.185" (4.7 mm)
251	PUR, halogen-free welding spark proof	4 x 0.34 mm ²	Orange	.185" (4.7 mm)
260	PUR, halogen-free welding spark proof	3 x 0.34 mm ²	Orange	.177" (4.5 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RST 3-RKWT/LED A 4-3-224/...M	3	PUR, halogen-free	0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	   
RST 3-RKWT/LED A 4-3-260/...M		PUR, halogen-free	0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	   
RST 4-RKWT/LED P 4-225/...M	4	PUR, halogen-free, weld spark proof	0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	   
RST 4-RKWT/LED P 4-251/...M		PUR, halogen-free	0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	   
RST 4-RKWT/LED R 4-251/...M	4	PUR, halogen-free, weld spark proof	0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	