M12-Round-Plug Connector, Double-Ended Cordsets, with LED
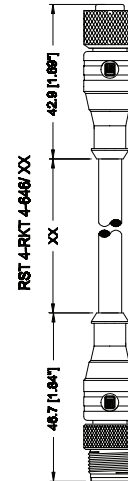
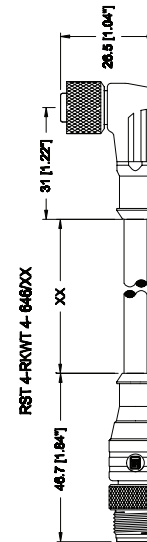**RST-RKT/LED | RST-RKWT/LED**

3- and 4-Poles
Actuator/sensor cordset, double-ended, M12, 3- and 4-poles, male straight to female straight connector with self-locking thread and molded cable.

RST-RKT/LED

42.9 [1.69"]

RST 4-RKT 4-646/XX

XX

46.7 [1.84"]

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

RST-RKWT/LED
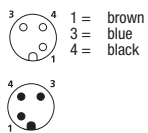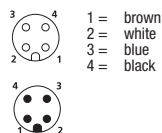
26.5 [1.04"]

31 [1.22"]

RST 4-RKWT 4-646/XX

XX

46.7 [1.84"]

Pin Assignments

M12		Wiring Diagram	

3 poles LED A

1 = brown
3 = blue
4 = black

4 poles LED F

1 = brown
2 = white
3 = blue
4 = black

LED A

1   (+)BROWN
4   BLACK
3   (-)BLUE

LED F

1   (+)BROWN
4   BLACK
3   (-)BLUE
2   WHITE
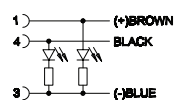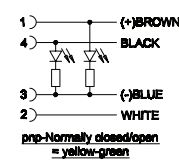
pnp-Normally closed/open
= yellow-green

M12-Round-Plug Connector, Double-Ended Cordsets, with LED

Technical Data

Environmental

Degree of protection	IP68 / Nema 6P
Operating temperature range	-40°C (-40°F) / +90°C (+194°F)

Mechanical

Housing / Molded body	PUR, translucent gray
Insert	PUR orange
Contact	CuZn, gold-plated
Coupling nut	CuZn, nickel-plated
O-ring	FKM

Electrical

Current rating	4A
Voltage rating	10-30VDC

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
659	**PVC**	**22 AWG**	**Gray**	.190" (4.82 mm)
646	**PVC**	**22 AWG**	**Gray**	.190" (4.82 mm)

Part Number	Pins	LED	Standard Cable Lengths	Characteristics
RST 3-RKT/LED A 4-3-659/…M	**3**	LED PNP	0.6M / 1M / 2M / 5M	
RST 3-RKWT/LED A 4-3-659/…M	**3**	LED PNP	0.6M / 1M / 2M / 5M	
RST 4-RKT/LED F 4-646/…M	**4**	LED PNP	0.6M / 1M / 2M / 5M	
RST 4-RKWT/LED F 4-646/…M	**4**	LED PNP	0.6M / 1M / 2M / 5M	