

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

WRKT | WRKWT

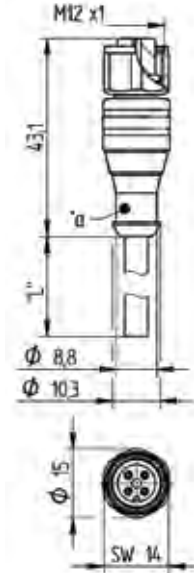


3-, 4-, 5- and 8-Poles

Actuator/sensor cord set, single ended, straight
M12 female connector and molded cable,
hexagon screw in stainless steel, 3, 4, 5 and
8 poles.

– especially designed for use in
wash-down applications –

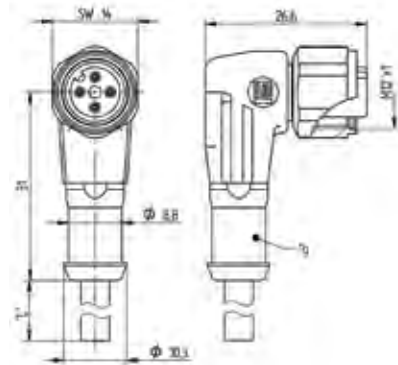
WRKT



Actuator/sensor cord set, single ended, right-
angle M12 female connector and molded cable,
hexagon screw in stainless steel, 3, 4, 5 and
8 poles.

– especially designed for use in
wash-down applications –

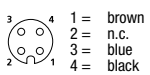
WRKWT



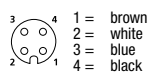
Pin Assignments

M12 - Male

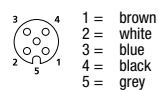
3 poles



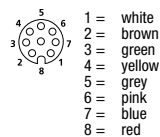
4 poles

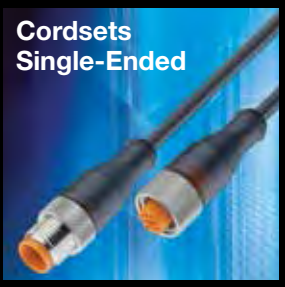


5 poles



8 poles





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Technical Data

Environmental

Degree of protection (IEC 60529) IP67 / IP68 / IP69K
Operating temperature range -40°C (-40°F) / +105°C (+221°F)

Mechanical

Housing / Molded body PP, white
Insert PP, white
Contact Cu-alloyed
Contact surface Cu/Au
Hexagon screw Stainless Steel (V4A)
O-ring EPDM

Electrical data










Contact resistance $\leq 5 \text{ m}\Omega$
Rated current 3 to 5 pole: 4 A
8 pole: 2 A
Rated voltage 3 and 4 pole: 250 V
5-pole: 60 V
8-pole: 30 V
Rated impulse voltage 3 and 4 pole: 2.5 kV
5 pole: 1.5 kV
8 pole: 0.8 kV
Insulation resistance $> 10^9 \Omega$

Approvals

UL pending, UL-file no. E315587
ECOLAB UL-temperature range +90°C

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
520	TPE	3x0,25 mm ²	Orange	$\emptyset 4,3 \pm 0,2 \text{ mm}$
521	TPE	4x0,25 mm ²	Orange	$\emptyset 4,7 \pm 0,2 \text{ mm}$
522	TPE	5x0,25 mm ²	Orange	$\emptyset 5,0 \pm 0,2 \text{ mm}$
523	TPE	8x0,25 mm ²	Orange	$\emptyset 6,2 \pm 0,2 \text{ mm}$

Part Number		Pins	Outer Jacket	Standard Cable Lengths	Characteristics
WRKT 4-3-520/...M	WRKWT 4-3-520/...M	3	TPE	2 M 5 M 10 M 15 M 20 M 25 M	  
WRKT 4-521/...M	WRKWT 4-521/...M	4	TPE	2 M 5 M 10 M 15 M 20 M 25 M	  
WRKT 5-522/...M	WRKWT 5-522/...M	5	TPE	2 M 5 M 10 M 15 M 20 M 25 M	  
WRKT 8-523/...M	WRKWT 8-523/...M	8	TPE	2 M 5 M 10 M 15 M 20 M 25 M	