

**M12 male 0° A-cod. / MSUD valve plug A-18mm**

PUR 5x0.34 ye UL/CSA+robot+drag ch. 0.3m

**MSUD**

Form A (18 mm) – M12, male straight

24 V DC ±25%

LED (yellow/green)

for pressure switches

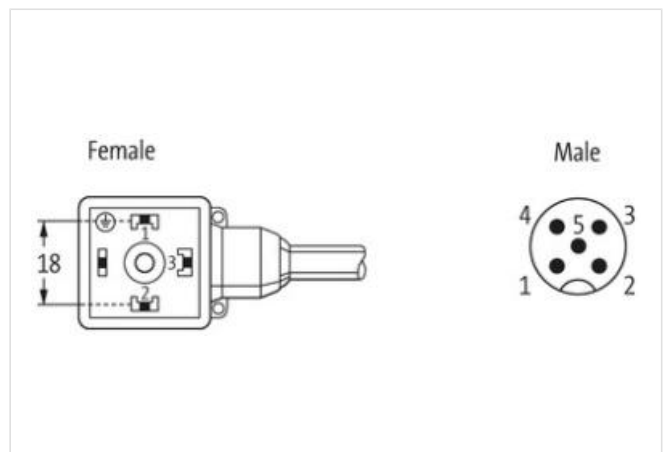
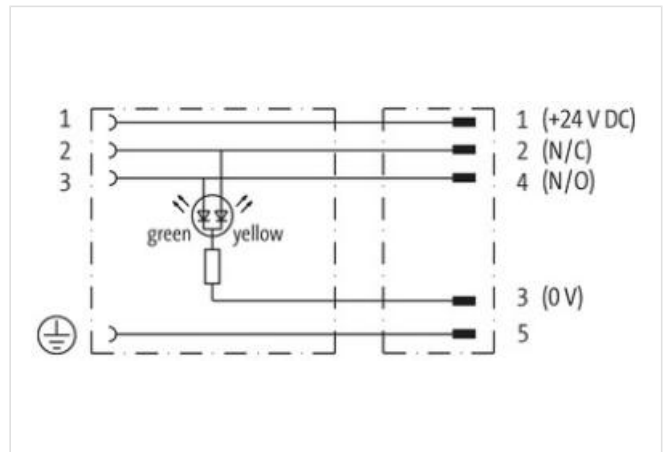
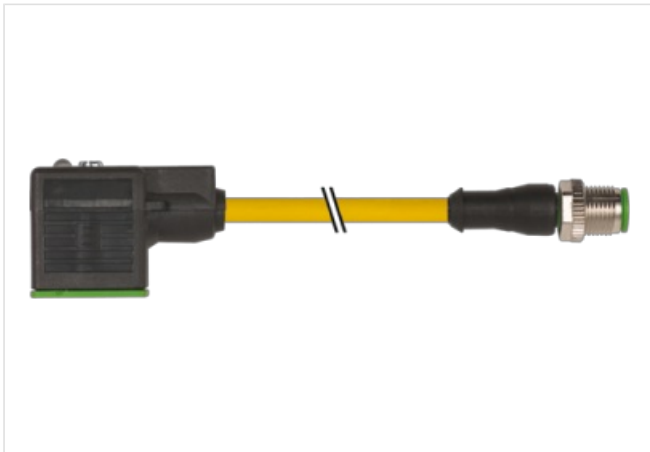
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link til artikel](#)

**Billede**





Produktet kan afvige fra billedet



Cable length 0,3 m

#### Side 1

Tightening torque 0,4 Nm  
 Family construction form MSUD  
 Thread M3  
 Material PUR  
 Degree of protection (EN IEC 60529) IP67

#### Side 2

Tightening torque 0,6 Nm  
 Family construction form M12  
 Thread M12 x 1  
 suitable for corrugated tube (internal Ø) 10 mm  
 Material PBT  
 Width across flats SW13  
 Degree of protection (EN IEC 60529) IP67

#### Electrical data | Supply

Operating voltage DC 24 V  
 Operating voltage DC min. 18 V  
 Operating voltage DC max. 30 V  
 Current operating per contact max. 4 A  
 Current consumption max. 15 mA

#### Diagnostics

Status indication LED green, yellow

#### Device protection | Electrical

Additional condition protection degree inserted, screwed  
 Pollution Degree 3  
 Rated surge voltage 0,8 kV  
 Material group (IEC 60664-1) I

#### Mechanical data | Material data

Coating locking safe-cover coated  
 Color housing black

Material gasket	PUR
Material housing	Plastic
Locking material	Zinc die-casting
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
<b>Installation   Cable</b>	
wire arrangement	brown, black, blue, white, green-yellow
Cable identification	055
Cable Type	5
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weight	41,8 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing

Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Welding spark resistance	Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

**Commercial data**

customs tariff number	85444290
GTIN	4065909097090
Pakke-enhed	1