

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

PUR 5x0.34 bk UL/CSA+drag ch. 1m

Form A (18 mm) – M12, male straight

24 V DC  $\pm 25\%$ 

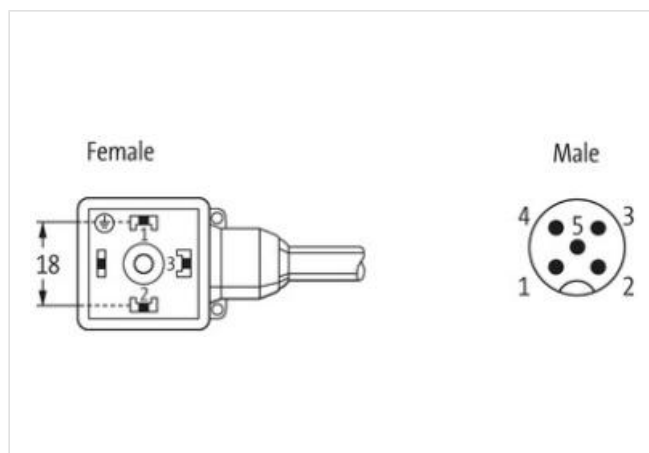
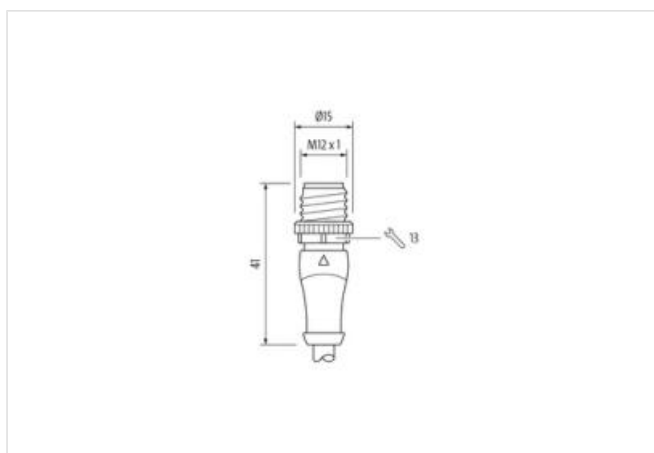
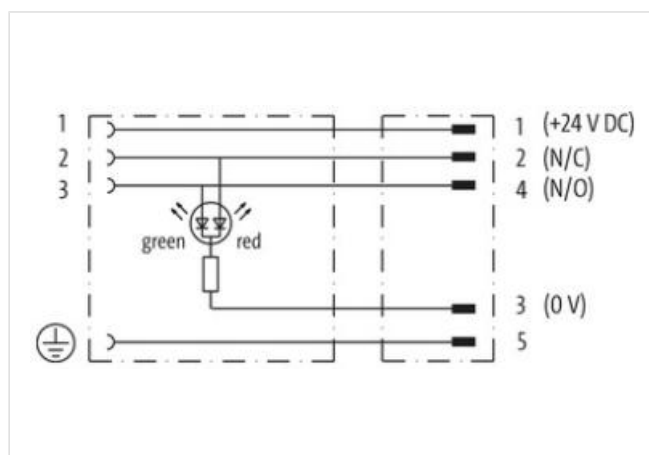
LED (red/green)

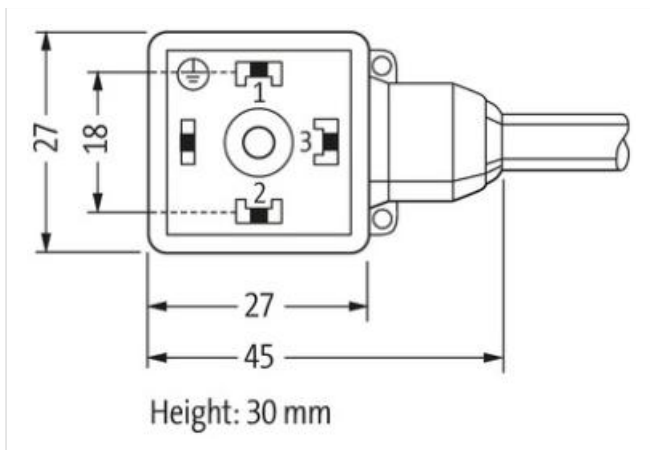
for pressure switches

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 do produto](#)**Ilustração**



Produto pode diferir da imagem



Cable length 1 m

#### Side 1

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

#### Side 2

Tightening torque 0,6 Nm  
 Family construction form M12  
 Thread M12 x 1  
 Width across flats SW13  
 Degree of protection (EN IEC 60529) IP67

#### Dados comerciais

ECLASS-6.0 27279218  
 ECLASS-7.0 27279218  
 ECLASS-8.0 27279218  
 ECLASS-9.0 27060311  
 ECLASS-10.1 27060312  
 ECLASS-11.1 27060312  
 ECLASS-12.0 27060312  
 ETIM-5.0 EC001855  
 Classificação fiscal 85444290  
 GTIN 4048879150408  
 Quantidade por embalagem 1

#### 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

#### Device protection | Electrical

Additional condition protection degree inserted, screwed  
 Pollution Degree 3

Rated surge voltage 0,8 kV

#### Mechanical data | Material data

Color housing black  
Material housing Plastic

#### Mechanical data | Mounting data

Mounting method inserted, screwed

#### Environmental characteristics | Climatic

Operating temperature min. -25 °C  
Operating temperature max. 85 °C  
Additional condition temperature range depending on cable quality

#### Important installation notes

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 **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Conformity

Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)

#### Installation | Cable

wire arrangement	brown, black, blue, white, green-yellow
Cable identification	635
Cable Type	3
Jacket Color	black
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	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,8 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	70 ± 5 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	57 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
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)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min