

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

PVC 5x0.34 gy UL/CSA 5m

Form A (18 mm) – M12, male straight

24 V DC $\pm 25\%$

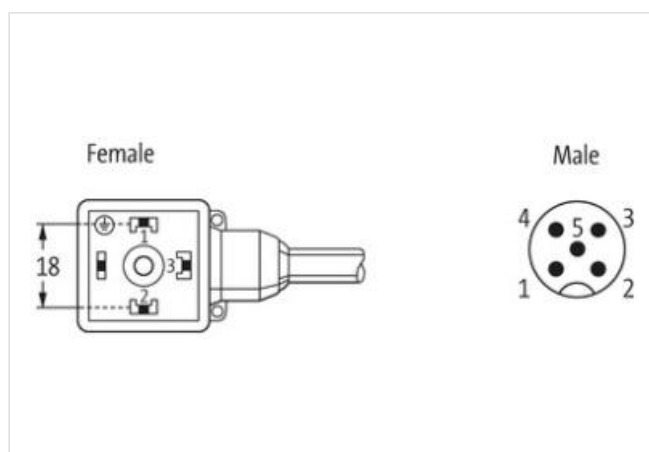
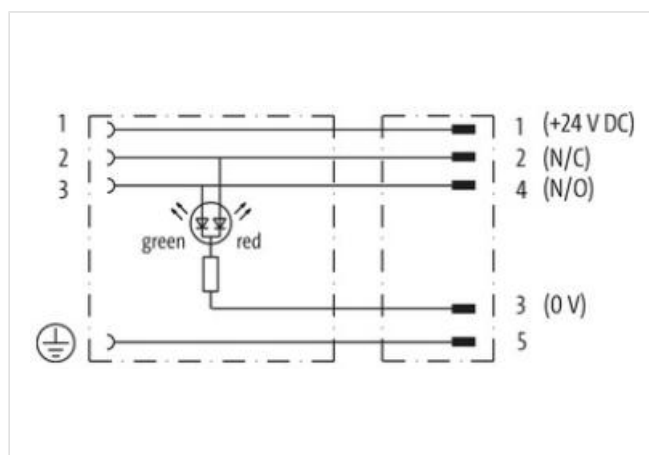
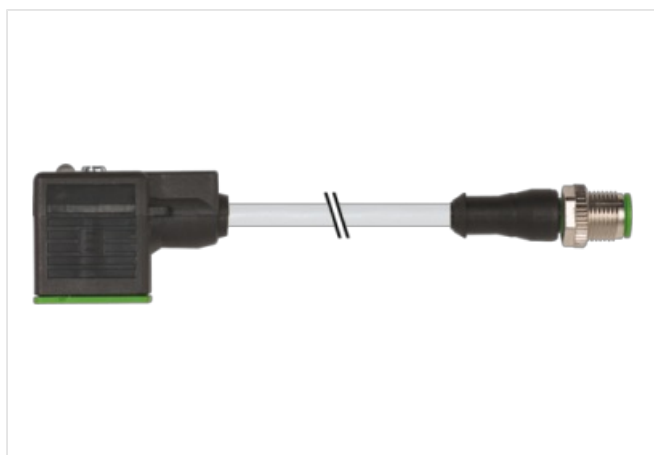
LED (red/green)

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 to Product](#)**Illustration**



Product may differ from Image



Cable length	5 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
取引条件	
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
GTIN	4048879150811
HSコード	85444290
Packaging unit	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 voltage0,8 kV

Mechanical data | Material data

Color housingblack
Material housingPlastic

Mechanical data | Mounting data

Mounting methodinserted, screwed

Environmental characteristics | Climatic

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

Important installation notes

Note on strain reliefProtect 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 standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)

Installation | Cable

wire arrangementbrown, black, blue, white, green-yellow
Cable identification215
Cable Type1
Jacket Colorgray
Type of CertificatecURus
Amount stranding1
Stranding5 wires around Core filler twisted
Filleryes
wire arrangementbrown, black, blue, white, green-yellow
Cable weighth48,4 g/m
Material jacketPVC
Shore hardness jacket85 ± 5 Shore A
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)5,2 mm
Tolerance outer diameter (sheath)± 5 %
Material wire insulationPVC
Amount wires5
Outer diameter insulation1,25 mm
Outer diameter tolerance core insulation± 5 %
Shore hardness wire insulation45 ± 5 Shore D
Material properties wire insulationgood machinability
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)19
Diameter of single wires0,15 mm
Conductor crosssection (wire)0,34 mm²
Material conductor wireStranded copper wire, bare
Conductor type (wire)Strand class 5
Nominal voltage AC max.300 V
Current load capacity (standard)to DIN VDE 0298-4
Current load capacity min. wire4,5 A
Electrical resistance line constant wire57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)2 kV @ 60 s
Min. operating temperature (static)-30 °C

Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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