

M12 MALE 0° / MSUD VALVE PLUG FORM A 18MM

PUR 5X0.34 GRAY, UL/CSA, drag ch 1.5m

MSUD

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

Form A (18 mm) – M12, male straight

24 V DC ±25%

LED (yellow/green)

for pressure switches

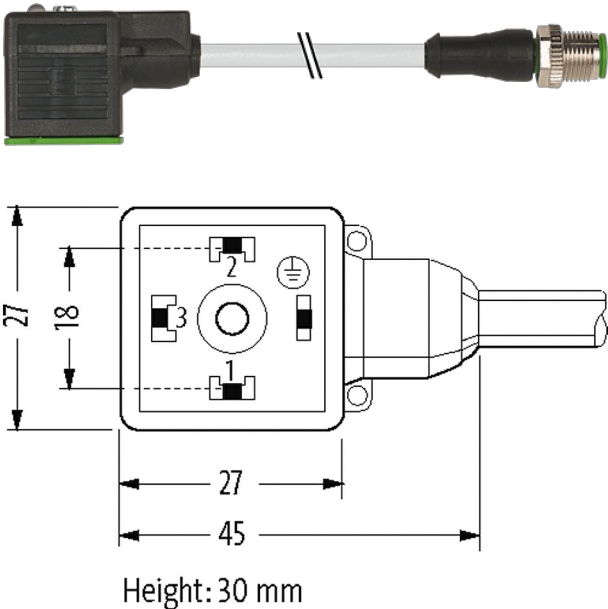
Attention: Contact carrier turned to 180°!

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

Illustration



Product may differ from Image

Approvals



Form

Form 40932

Cables

No./diameter of wires	5× 0.34 mm²
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.8 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C

Temperature range (mobile)	-25...+80 °C
Cable identification	235
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	41,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω /km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	4.8 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	gray

Technical Data

Operating voltage	24 V DC ±25%
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Current consumption	max. 15 mA
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	(yellow/green)
Locking of ports	M3/M12×1 mm (recommended torque 0.4/0.6 Nm)
Compression gland	M12 (SW13)
Protection	IP67 inserted and tightened (EN 60529)

Locking material	Zinc die casting, matte nickel plated
Material	MSUD (PBT); M12 (PUR)
suitable for corrugated tube (internal Ø)	10 mm
Housing	Black plastic (gray on request)
General data	
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Material (gasket)	PUR
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879333603
eClass	27279218
Packaging unit	1