

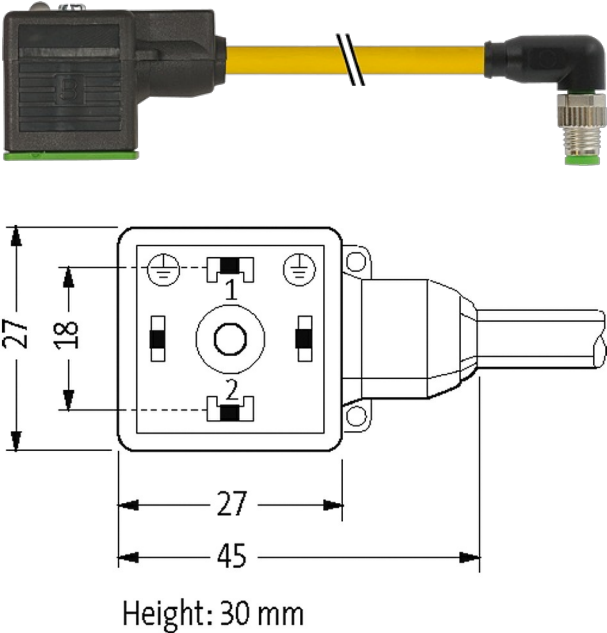
M8 MALE 90° 4 POLE / MSUD VALVE PLUG FORM A 18MM

PUR 3X0.34 YELLOW, UL/CSA, drag ch 0.3m

Form A (18 mm)
Male M8
90°
24 V AC ±20% / DC ±25%
4-pole
Z-Diode + LED
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration



Product may differ from Image

Approvals



Form

Form 88731

General data

Standards	DIN EN 61076-2-104 (M8)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	MSUD (Ag); M8 (Au)
Material (gasket)	PUR

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	3 × 0.34 mm ²
Wire isolation	PP (br, bl, bk)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.1 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	033
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	29,70
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)	3 × 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
Stranding combination	3 wires twisted
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)	4.1 mm ±5%
Color (jacket)	yellow
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)
Traversing distance (C-track)	max. 5 m (horizontal)
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 yellow

Technical Data

Operating voltage 24 V AC $\pm 20\%$ / DC $\pm 25\%$

Rated surge voltage 0.8 kV

Operating current per contact max. 4 A

No. of poles 4

Current consumption 15 mA

Material group IEC 60664-1, category I

Switch off peak max. 55 V

LED display yellow

Locking of ports M3/M8 (recommended torque 0.4 Nm)

Compression gland M8 (SW9)

Protection IP65 and IP67 when plugged and screwed down (EN 60529)

Material MSUD (PBT); M8 (PUR)

Locking material Zinc die casting, matte nickel plated

Housing Black plastic (gray on request)

suitable for corrugated tube (internal $\varnothing$) 6.5 mm

Additional suppressor Diode/Z-Diode

Commercial data

country of origin CZ

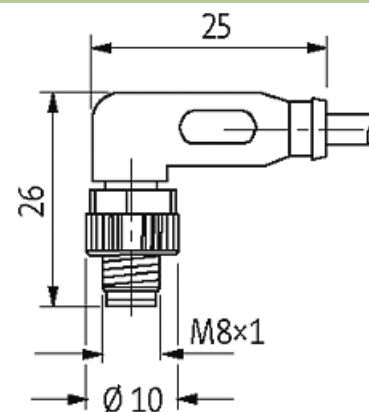
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eClass 27279218

Packaging unit 1

Sketch



Product may differ from Image