

M12 MALE 0° / MSUD VALVE PLUG FORM CI 9.4 MM

PUR 3X0.75 YELLOW, 2m

MSUD

Form CI (9.4 mm) – M12, male straight

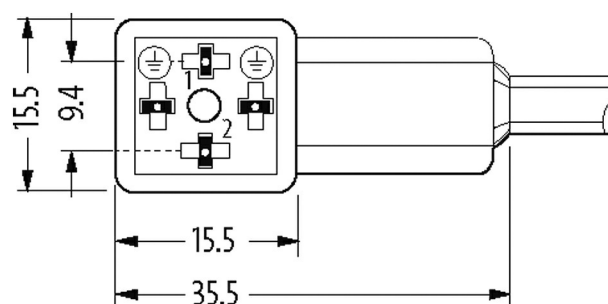
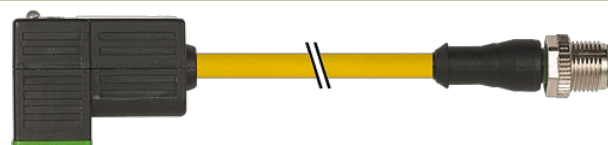
24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

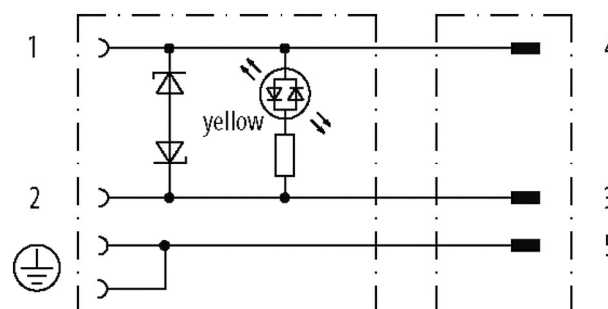
Further cable lengths on request.

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.

Illustration

Height: 25 mm



Product may differ from Image

Approvals

cCSAus

* only for products with UL/CSA approved cable

Form

Form 41041

CablesNo./diameter of wires 3 x 0.75 mm²

Wire isolation PVC (bk num, gnyø)

C-track properties 2 Mio.

Material (jacket)	PUR/PVC (UL/CSA)
Outer Ø	5.9 mm ±5%
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	026
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,00
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Diameter (core)	3× 0.75 mm²
AWG	similar to AWG 18
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 ±5 D
Wire-Ø incl. isolation	1.8 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR/PVC
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)	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	yellow
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²
Jacket Color	yellow

Technical Data

Operating voltage	24 V AC ±20% / DC ±25%
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Switch off peak	max. 55 V
Switch off delay time	max. 20 ms
Locking of ports	M3/M12×1 mm (recommended torque 0.4/0.6 Nm)
Protection	IP67 inserted and tightened (EN 60529)
Housing	Black plastic (gray on request)

General data

Temperature range	-25...+85 °C, depending on cable quality
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Commercial data

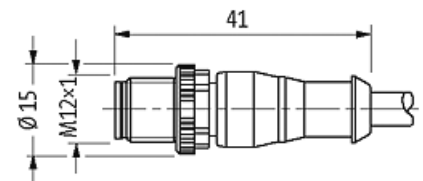
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customs tariff number	85444290
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EAN	4048879416443
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eClass	27279218
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Packaging unit	1
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Sketch

Product may differ from Image