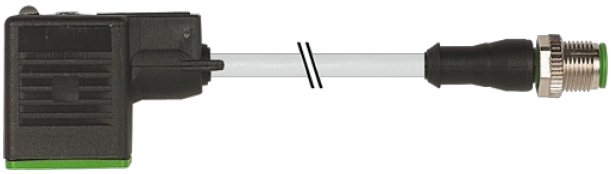
MURR ELEKTRONIK
stay connected

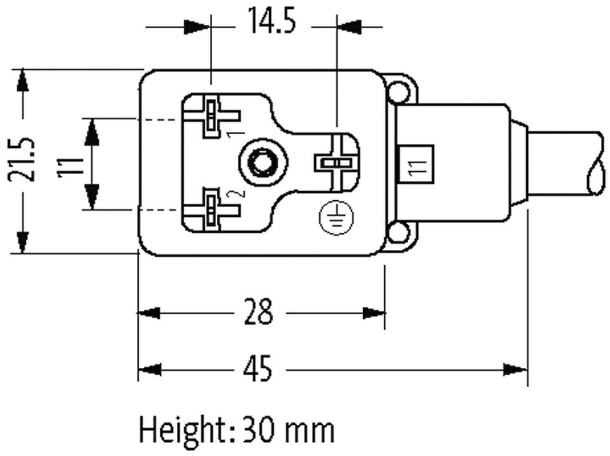
M12 MALE 0° / MSUD VALVE PLUG FORM BI 11MM

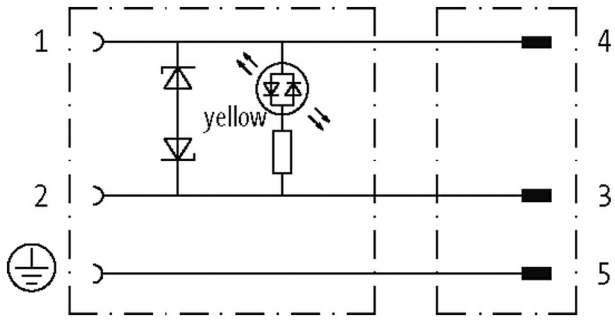
PUR 3X0.75 GRAY, 5m

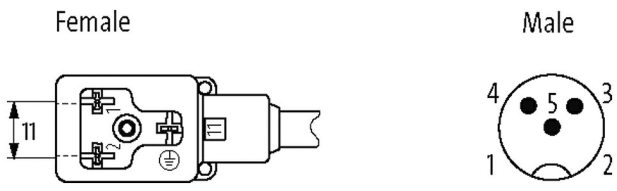
MSUD
Form BI (11 mm) – M12, male straight
24 V AC ±20% / DC ±25%
LED and suppression
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Illustration









Product may differ from Image

Approvals

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cCSAus	* only for products with UL/CSA approved cable

Form	
Form	40961

Cables	
No./diameter of wires	3× 0.75 mm²
Wire isolation	PVC (bk num, gnye)
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	226
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,33
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)	gray
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	gray

Technical Data

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Operating voltage	24 V AC ±20% / DC ±25%
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)
Housing	Black plastic (gray on request)
Protection	IP67 inserted and tightened (EN 60529)
Rated surge voltage	0.8 kV

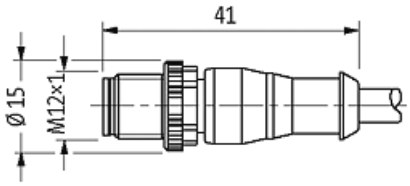
General data

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

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879149082
eClass	27279218
Packaging unit	1

Sketch



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