

M12 male on top A-cod. / MSUD double valve B-10mm

PVC 3x0.75 ye 0m

Form B (10 mm) – M12, connector top entry

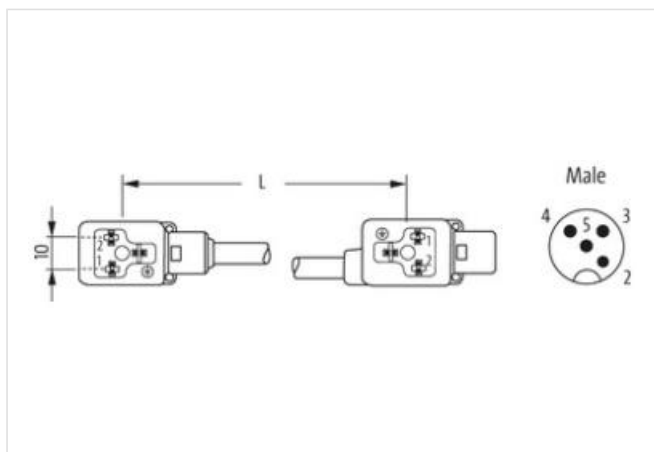
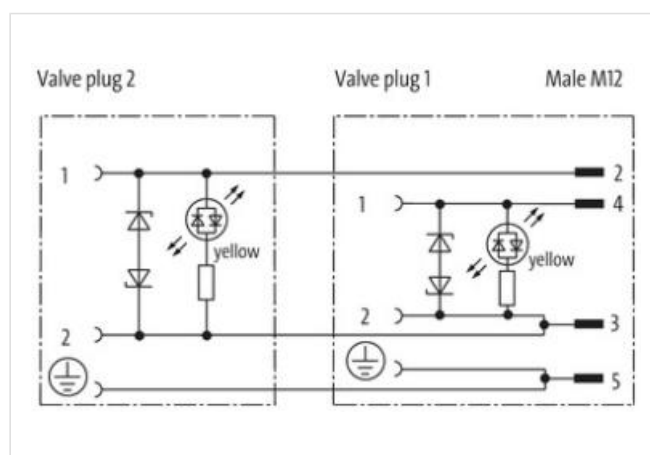
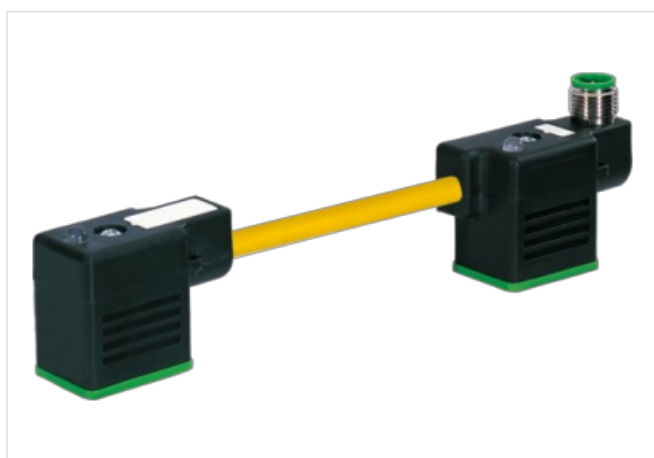
24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

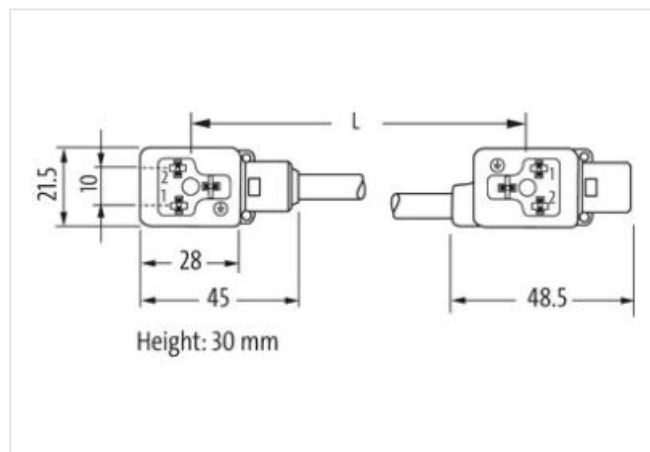
Connection cable L = 150 mm

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.

Linkki tuotteeseen**Kuvat**

Tuote voi erota kuvassa olevasta

**Side 1**

Tightening torque 0,4 Nm

Thread M3

Side 2

Tightening torque 0,4 Nm

Thread M3

Kaupalliset tiedot

ECLASS-6.0 27061801
 GTIN 4065909097649
 Pakkauskoko 1
 Tullinumero 85444290

Electrical data

Drop-out delay time max. 20 ms

Electrical data | Supply

Operating voltage AC 24 V
 Operating voltage AC min. 19,2 V
 Operating voltage AC max. 28,8 V
 Operating voltage DC 24 V
 Operating voltage DC min. 18 V
 Operating voltage DC max. 30 V
 Cut-off peak voltage max. 55 V
 Current operating per contact max. 4 A
 Current consumption max. 12 mA

Diagnostics

Status indication LED yellow

Device protection | Electrical

Degree of protection (EN IEC 60529) IP67
 Degree of protection (ISO 20653:2013) IP66K
 Additional condition protection degree inserted, screwed

Mechanical data | Material data

Color housing black
 Material housing Plastic

Mechanical data | Mounting data

Mounting method inserted, screwed

Environmental characteristics | Climatic

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

Important installation notes

Note on strain relief Protect 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.

Installation | Cable

wire arrangement black 1, black 2, green-yellow
 Cable identification 016
 Cable Type 1
 Printing color of wire insulation white (isolation black)
 Jacket Color yellow
 Amount stranding 1
 Stranding 3 wires twisted
 wire arrangement black 1, black 2, green-yellow
 Cable weight 63,8 g/m
 Material jacket PVC
 Shore hardness jacket 80 ± 5 Shore A

Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °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