

**M12 male Y-distributor / M12 female 90°**

PUR 4x0.75 bk UL/CSA 2m

Y-connector M12 – M12, 4/3-pole

Male straight – females 90°

A-coded

without cable sleeves

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

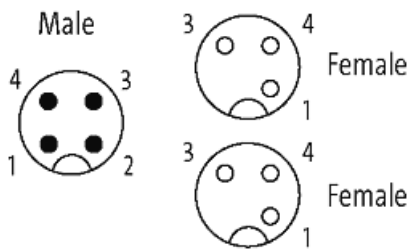
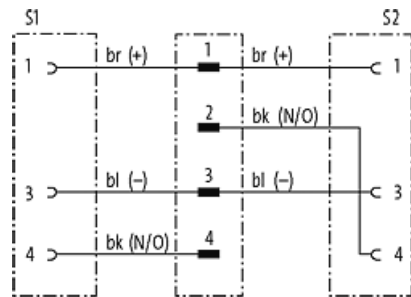
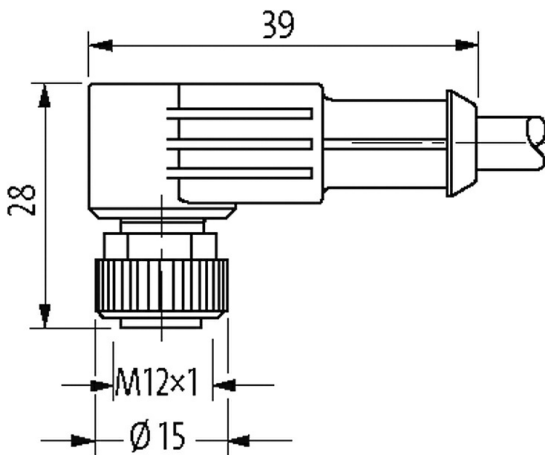
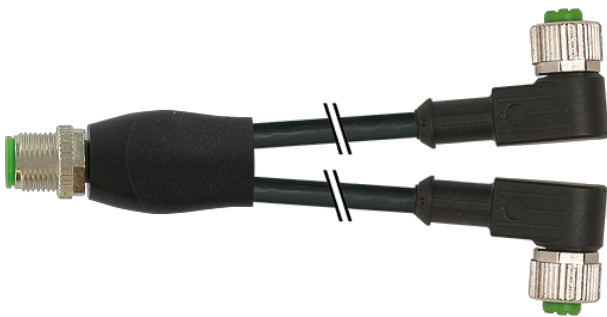
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

[Link to Product](#)

**Illustration**



Product may differ from Image



Form	
Form	40741
Technical Data	
Operating voltage	max. 250 V AC/DC
Rated surge voltage	2.5 kV
No. of poles	4-/3-pole
Material group	IEC 60664-1, category I
Operating current per contact	max. 4 A
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	10 mm
General data	
Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable number	764
No./diameter of wires	4× 0.75 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk)
Jacket Color	black
Material (jacket)	PUR (UL)
Outer Ø	5.9 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Cable identification	764
Approval (cable)	UL (AWM-Style 20549/1729)
Cable weight [g/m]	62,59
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.2 mm
Construction (core)	24× 0.2 mm (multi-strand wire class 5)
Diameter (core)	4× 0.75 mm <sup>2</sup>
AWG	similar to AWG 18
Material (wire isolation)	PVC
Shore hardness (wire isolation)	90 ±5 A
Wire-Ø incl. isolation	1.8 mm ±5%
Color/numbering of wires	br, bk, bl, wh

Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PUR
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300/500 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	10× outer Ø

**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879083713
eClass	27279218
Packaging unit	1