

M12 male 0° / M12 female 0° A-cod.

PUR 2x1.5 gy UL/CSA+drag ch. 5m

AS-Interface

Male straight – female straight

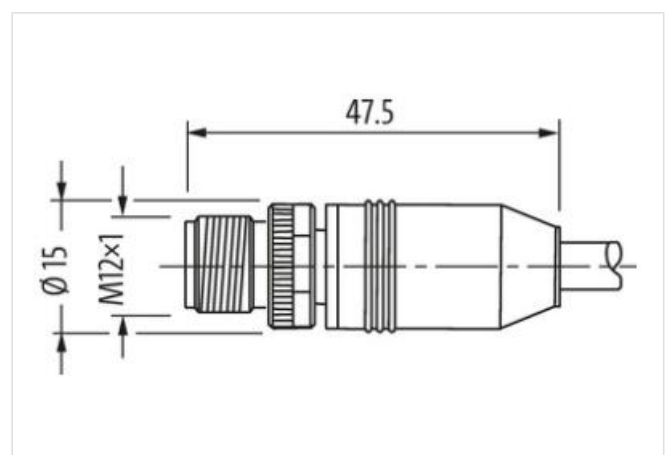
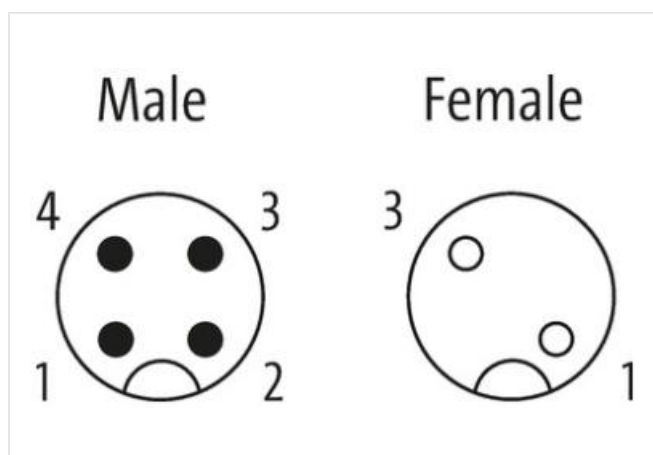
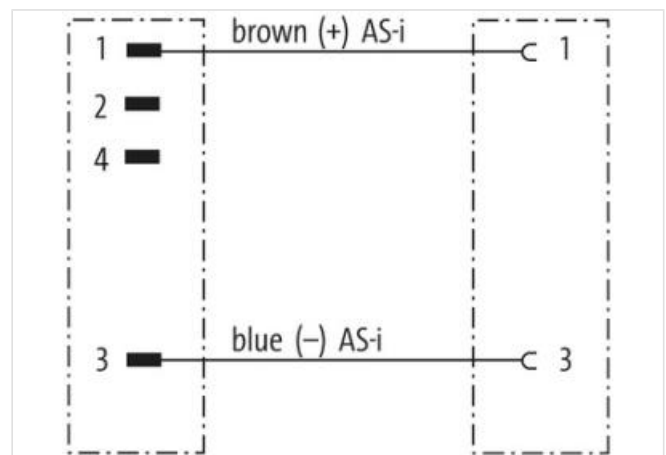
M12 – M12, 2-pole

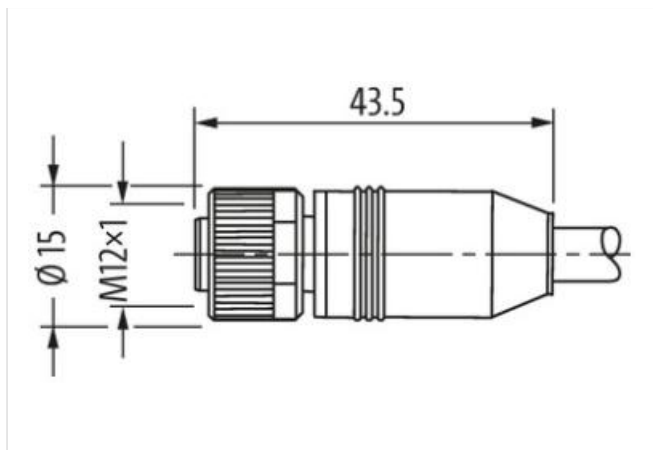
for MASI68

Plastic housings with good resistance against chemicals and oils.

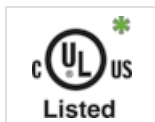
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form 40005

Technical Data

Operating voltage	max. 250 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP67, IP68 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated

General data

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

Cables

No./diameter of wires	2× 1.5 mm ²
Wire isolation	PP (br, bl)
C-track properties	5 Mio.
Outer Ø	8.0 mm ±5%
Cable identification	588
Approval (cable)	UL (AWM-Style 21198/10493), CSA
Cable weight [g/m]	80,3 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 13.3 Ω/km (20 °C)
Single wire Ø (core)	0.25 mm
Construction (core)	30× 0.25 mm (multi-strand wire class 5)
Diameter (core)	2× 1.5 mm ²
AWG	similar to AWG 16
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	2.95 mm ±5%
Color/numbering of wires	br, bl
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)	8.0 mm ±5%
Color (jacket)	gray
Jacket Color	gray
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
thermal resistance	flame retardant UL, CSA FT2 / IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-50...+80 °C
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-25...+80 °C
Temperature range (mobile)	-25...+80 °C (+60 °C, C-track)
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 2 m/s
Acceleration (C-track)	max. 5 m/s ²
Material (jacket)	PUR (UL/CSA)
Product article number of manufacturer	7060-40005-5880500
Cable length	5 m