

M12 male Y-distributor / M12 female 0°

PUR 3x0.34 ye UL/CSA+drag ch. 0,6m

Y-connector M12 – M12, 4/3-pole

Male straight – females straight

A-coded

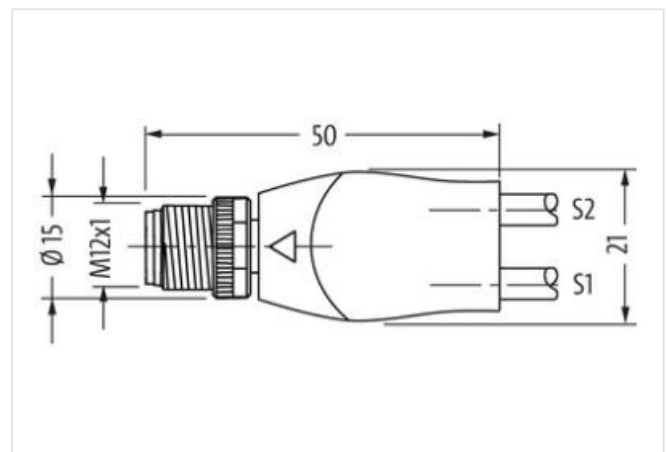
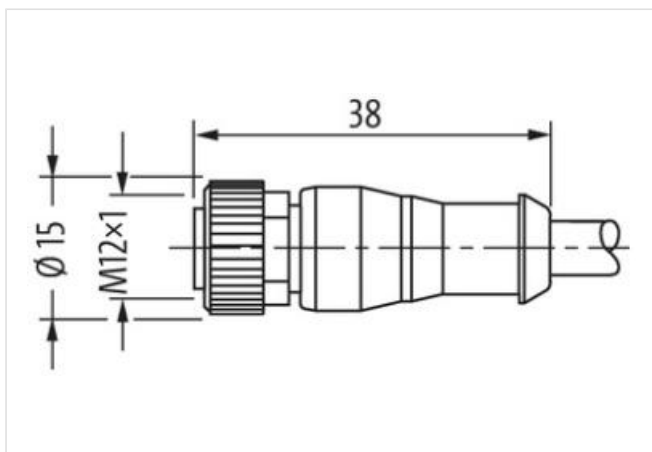
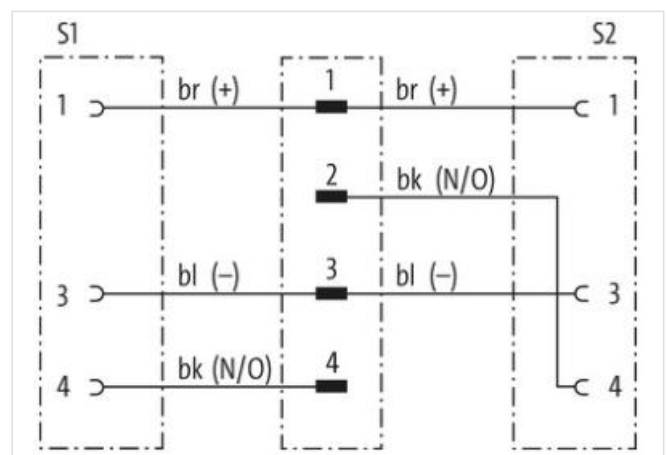
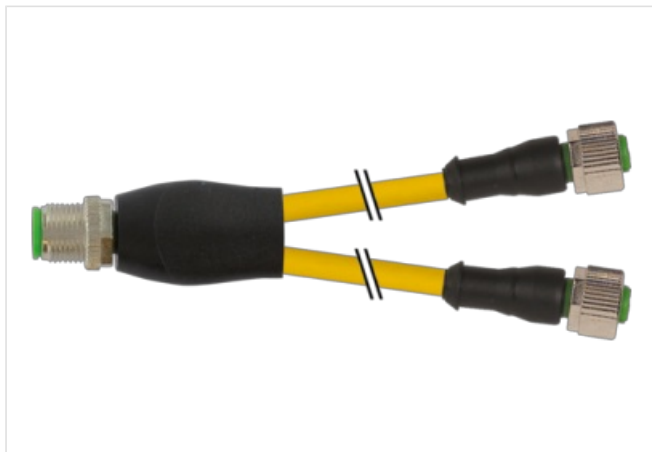
without cable sleeves

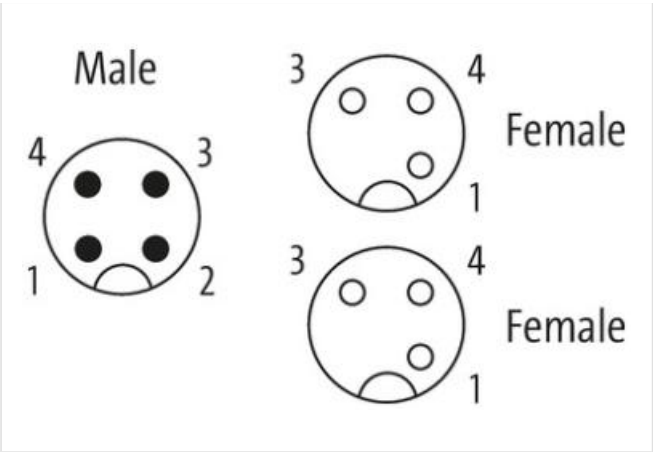
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material gasket	FKM

Material housing PUR

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min. -25 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Conformities, approvals

Product standard DIN EN 61076-2-101 (M12)

Cable

Cable identification 033

Cable Type 3 (PUR)

Approval (cable) cURus (AWM-Style 20549/10493); CE conform

Cable weight [g/m] 29,7 g

Material wire Cu wire, bare

Resistor (core) max. 57 Ω/km (20 °C)

Single wire Ø (core) 0.1 mm

Construction (core) 42× 0.1 mm (multi-strand wire class 6)

Diameter (core) 3× 0.34 mm²

AWG similar to AWG 22

Material wire isolation PP

Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free

Shore hardness wire isolation 70 ±5 D

Wire-Ø incl. isolation 1.25 mm ±5%

Color/numbering of wires br, bk, bl

Stranding combination 3 wires twisted

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) 4.1 mm ±5%

Color jacket yellow

chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)

thermal resistance flame-retardant according to UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2

Nominal voltage 300 V AC

Test voltage 2500 V AC

Current load capacity to DIN VDE 0298-4

Temperature range (fixed) -40...+80 °C, (+90 °C at max. 10 000 operating hours)

Temperature range (mobile) -25...+80 °C, (+90 °C at max. 10 000 operating hours)

Bending radius (fixed) 5× outer Ø

Bending radius (dynamic) 10× outer Ø

No. of bending cycles (C-track) max. 10 Mio. (25 °C)

Travel speed (C-track) max. 3 m/s

Acceleration (C-track) max. 10 m/s²

Torsion stress ±180°/m

No. of torsion cycles max. 2 Mio. (25 °C)

Torsion speed 35 cycles/min

Commercial data

customs tariff number 85444290

GTIN 4065909056677

Packaging unit 1