

M12 female 0° A-cod. with cable

PUR 3x0.34 bk UL/CSA 15m

⚠ NOTICE ⚠**PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Female straight

M12, 4-pole

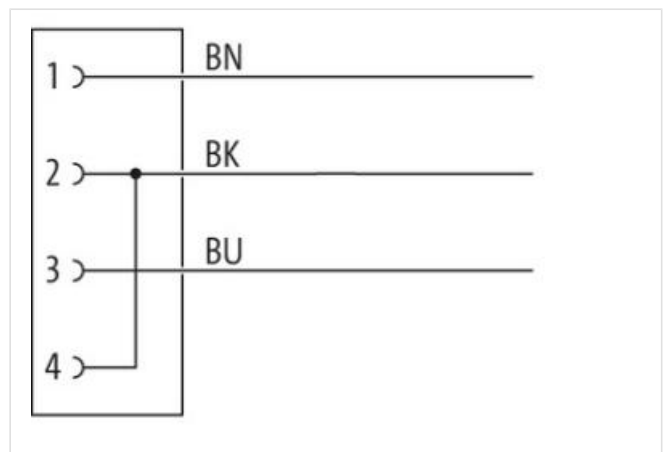
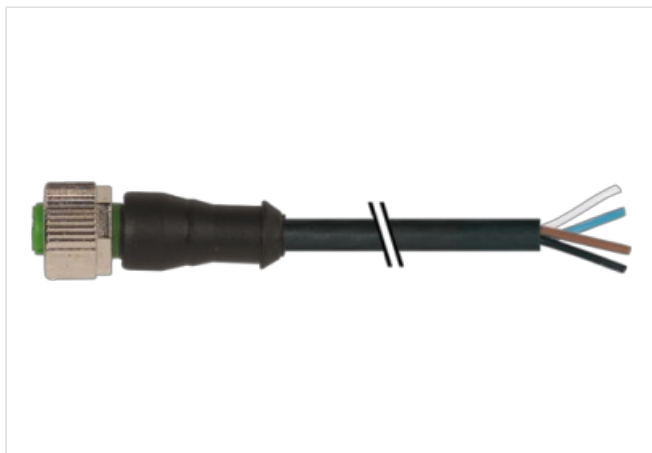
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

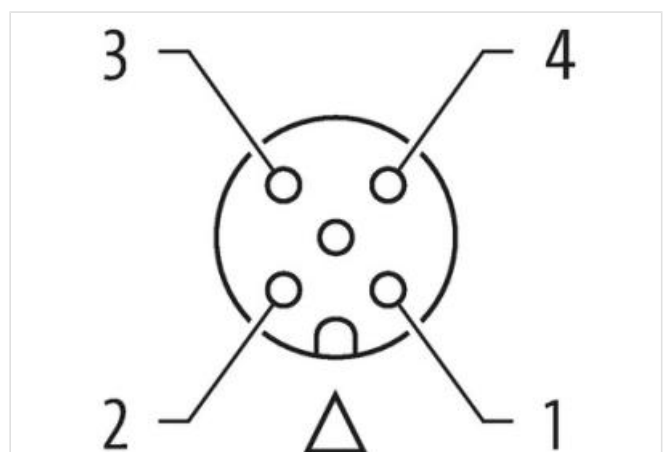
Plastic housings with good resistance against chemicals and oils.

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



Cable length	15 m
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
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
取引条件	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
GTIN	4048879617680
HSコード	85444290
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
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	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting

Material screw connection

Zinc die-casting

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

Conformity

Product standard

DIN EN 61076-2-101 (M12)

Cable

Cable identification

623

Cable Type

2 (PUR/PVC)

Approval (cable)

UL (AWM-Style 20549/1731), CSA; CE conform

Cable weight [g/m]

35,97 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

PVC

Material property wire insulation

CFC-, cadmium-, silicone- and lead-free

Shore hardness wire isolation

43 ±5 D

Wire-Ø incl. isolation

1.25 mm ±5%

Color/numbering of wires

black similar to RAL 9005

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)

4.3 mm ±5%

Color jacket

black

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

Bending radius (fixed)

10× outer Ø

Bending radius (dynamic)

15× outer Ø

No. of bending cycles (C-track)

max. 2 Mio. (25 °C)

Travel speed (C-track)

max. 3.3 m/s

Acceleration (C-track)

max. 5 m/s²