

**M8 male 0° / M12 female 90° A-cod.**

PUR 3x0.25 bk UL/CSA 10m

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

Male straight – female 90°

M8 – M12, 3-pole

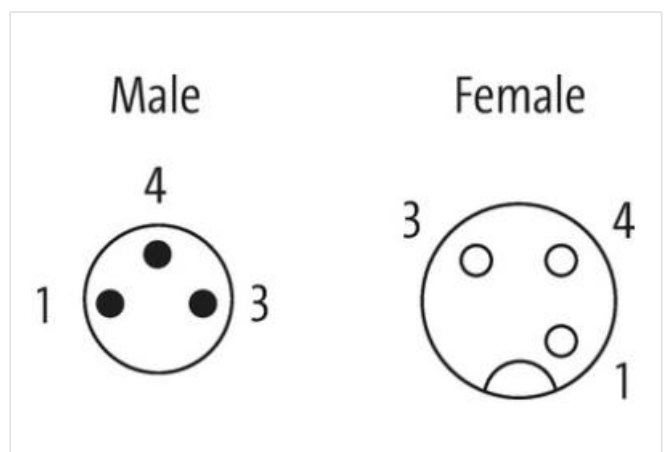
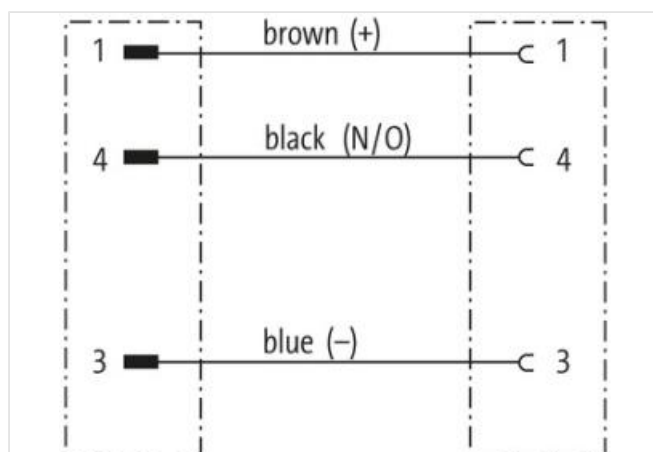
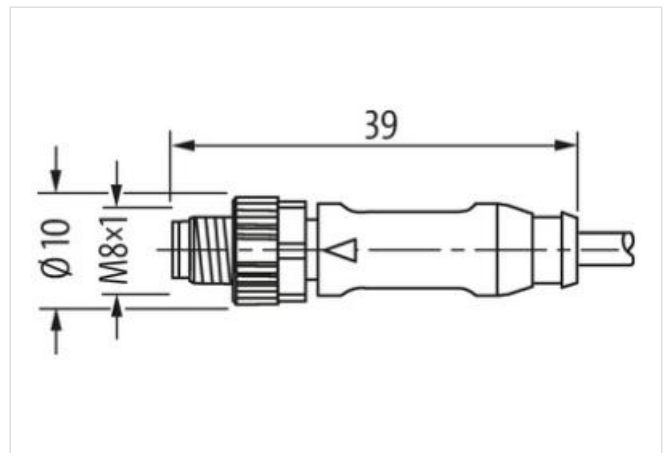
M12, A-coded

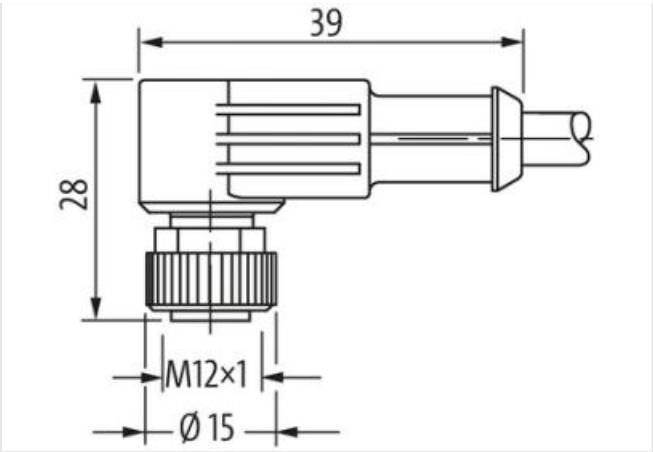
Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths 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.

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



Product may differ from Image



Cable length	10 m
Side 1	
Tightening torque head 1	0,4 Nm
Mounting method	inserted, screwed
Coating contact head 1	gold plated
Family form head 1	M8
Thread	M8 x 1
Inner diameter contour for corrugated hose head 1	6,5 mm
Coding head 1	A
Material contact	Copper alloy
Number of poles head 1	3
Width across flats head 1	SW9
Side 2	
Tightening torque head 2	0,6 Nm
Mounting method	inserted, screwed
Coating contact head 2	gold plated
Family form head 2	M12
Thread	M12 x 1
Inner diameter contour for corrugated hose head 2	10 mm
Coding head 2	A
Material contact	Copper alloy
Number of poles head 2	3
Width across flats head 2	SW13
Commercial data	
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
customs tariff number	85444290
GTIN	4048879408196
Packaging unit	1

#### Electrical data | Supply

Operating voltage AC (UL-listed)	30 V
Operating voltage AC max.	50 V
Operating voltage DC (UL-listed)	30 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A

#### Diagnostics

Status indication LED	no
-----------------------	----

#### Device protection | Electrical

Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Protection degree additional condition	inserted, screwed
Pollution Degree	3

#### Mechanical data | Material data

Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting

#### Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
-----------------	---------------------------------------

#### Environmental characteristics | Climatic

Operating temperature min. (dynamic)	-5 °C
Min. operating temperature (static)	-25 °C
Operating temperature max. (dynamic)	80 °C
Max. operating temperature (fixed)	80 °C

#### Conformities, approvals, certificates

Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
------------------	---

#### Cable

Cable identification	620
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	26,62 g
Material wire	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
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	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	85 $\pm$ 5 A
Outer-Ø (jacket)	4.3 mm $\pm$ 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
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	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/s <sup>2</sup>