

**M8 female 0° A-cod. with cable**

PUR 4x0.34 bk UL/CSA 6m

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

Female straight

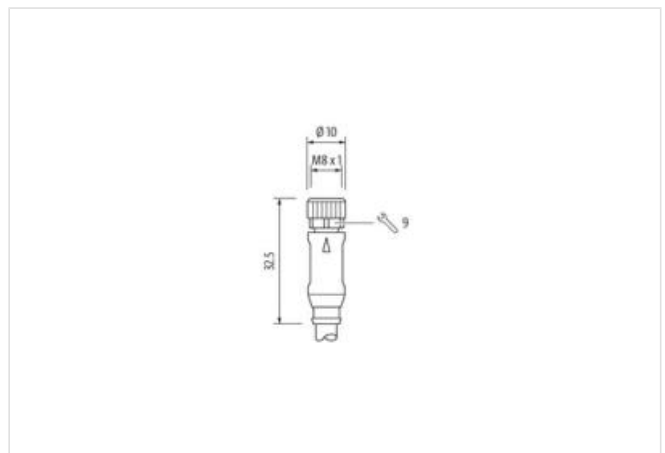
M8, 4-pole

Art-No. 7005 - M8 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	6 m
<b>Side 1</b>	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

<b>Side 2</b>	
Stripping length (jacket)	20 mm
Coating contact	gold plated

<b>Commercial data</b>	
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	4048879728379
Packaging unit	1

<b>Electrical data   Supply</b>	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

<b>Diagnostics</b>	
Status indication LED	no

<b>Installation   Connection</b>	
Stripping length (jacket)	20 mm
Mounting set	M8 x 1

<b>Device protection   Electrical</b>	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

<b>Mechanical data   Material data</b>	
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 61076-2-114 (M8)

**Cable**

Cable identification 624

Cable Type 2 (PUR/PVC)

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

Cable weight [g/m] 42,68 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) 4× 0.34 mm<sup>2</sup>

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 br, bk, bl, wh

Stranding combination 4 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) 4.6 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/s<sup>2</sup>