

M8 female 90° A-cod. snap-in with cable LED

PUR 3x0.25 gy UL/CSA+robot+drag ch. 10m

Female 90°

M8 (Snap In), 3-pole

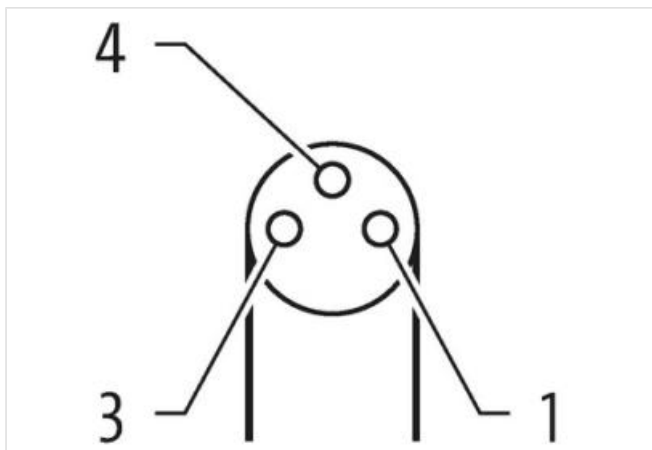
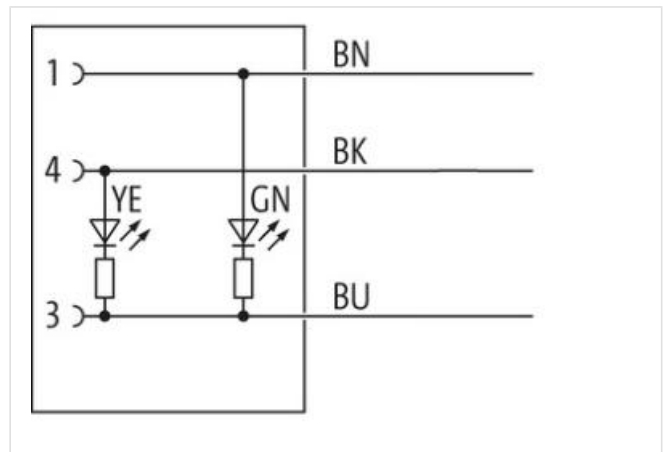
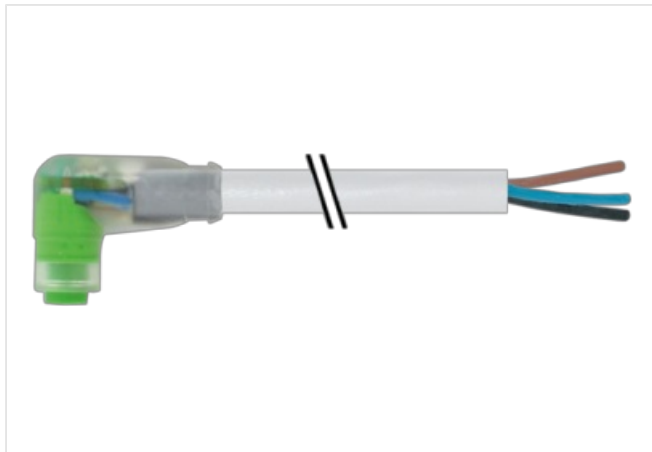
2x LED (PNP), (NPN) on request

with cable sleeves

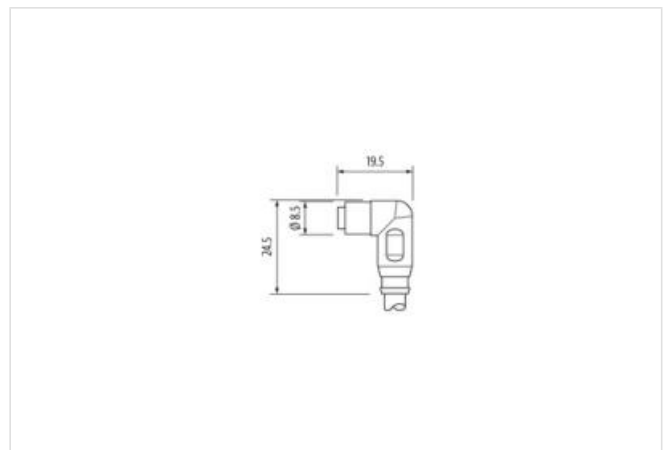
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

[Linkki tuotteeseen](#)**Kuvat**

Tuote voi erota kuvassa olevasta



Cable length 10 m

Side 1

Mounting method inserted

Tämän tietolomakkeen tiedot on laadittu suurimmalla mahdollisella huolellisuudella.
 Vahingonkorvausvastuu koskien tietojen oikeellisuutta, laajuutta ja ajankohtaisuutta kattaa ainoastaan törkeän laiminlyönnin. Versio: 18.05.2024

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Family construction form	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP65
Side 2	
Stripping length (jacket)	20 mm
Kaupalliset tiedot	
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	4048879224833
Pakkauskoko	1
Tullinumero	85444290
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
Installation Connection	
Stripping length (jacket)	20 mm
Device protection Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material screw connection	PUR
Mechanical data Mounting data	
Looking techniques	Snap In
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	250

Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weight	26,4 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min