

M8 male 0° / M8 female 90° A-cod. snap-in

PUR 3x0.25 gy UL/CSA+robot+drag ch. 0.6m

Male straight – female 90°

M8 (Snap In) – M8 (Snap In), 3-pole

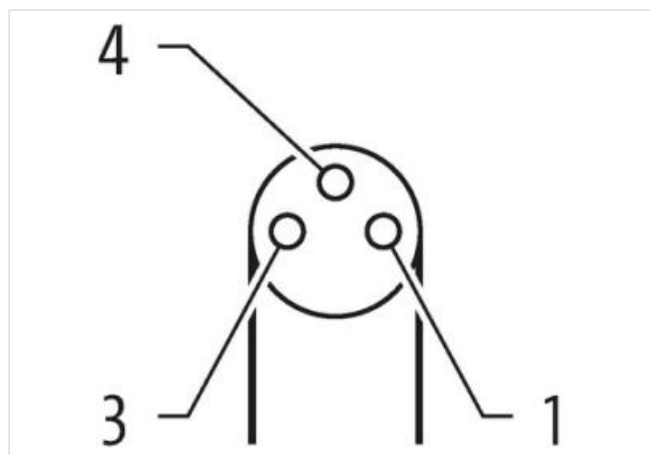
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

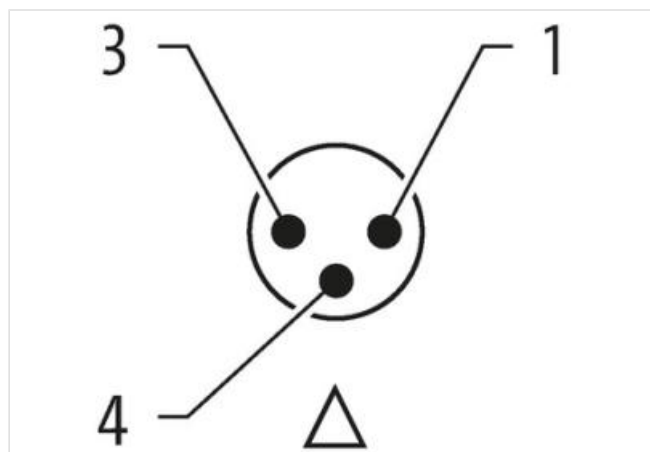
The resistance to aggressive media should be individually tested for your application. Further details on request.

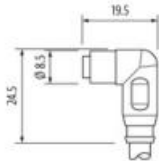
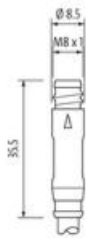
제품 링크

일러스트



1	BN	1
3	BU	3
4	BK	4





실제 제품은 이미지와 다를 수 있습니다.



Cable length 0,6 m

Side 1

Family construction form M8

Thread M8

suitable for corrugated tube (internal Ø) 6,5 mm

제품자료

ECLASS-6.0 27061801

GTIN 4048879666596

세번부호 85444290

포장단위 1

Electrical data | Supply

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

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65

Additional condition protection degree inserted, locked

Pollution Degree 3

Rated surge voltage 1,5 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Material housing 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)
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Installation | Cable

wire arrangement	brown, black, blue
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 weigth	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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m

Torsion speed

35 cycles/min