

M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 bk UL/CSA+robot+drag ch. 4m

Male straight – female 90° Zinc die casting, save-cover coated M8 – M12, 3-pole M12, A-coded

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

Further cable lengths on request.

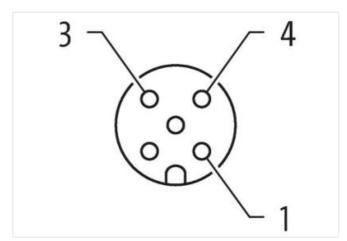
Plastic housings with good resistance against chemicals and oils.

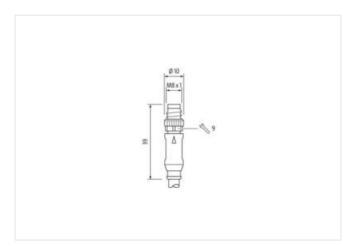
The resistance to aggressive media should be individually tested for your application. Further details on request.

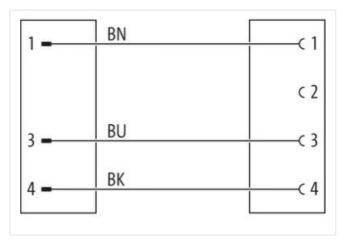
Link to Product

Illustration



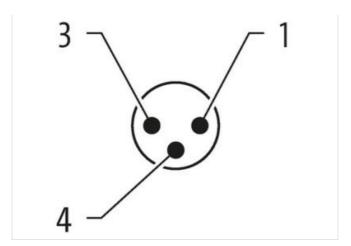


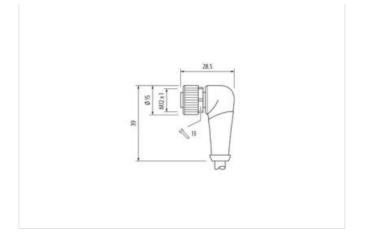






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Product may differ from Image











Cable length	4 m
Side 1	
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
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
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 \emptyset)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
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



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Section Sect	ETIM-5.0	EC001855
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Packaging unit		
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL isled) 30 V Operating voltage DC (UL isled) 30 V Operating voltage DC (UL isled) 30 V Current operating per contact max. 4 A Plagnostics V Status indication LED no Device protection Electrical V Degree of protection gene in percention degree percention of the percention of the percention degree Published surge voltage 1,5 kV Additional condition protection degree 1 Published surge voltage 1,5 kV Additional group (EC 66864-1) 1 Makerial group (EC 66864-1) 1 Costing locking safe-cover coated Makerial grasket PKM Makerial pasket PKM Makerial grasket PKM Mounting method inserted, sorewed, Shaking protection Environmental characteristics Climatic Operating imprevature mix. 25 °C Operating imprevature mix. 85 °G Additional condition temporature		1
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Diagnostics		
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Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 74 ± 3 Shore D	Outer diameter tolerance core insulation	
	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
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m