

M8 male 0° / M12 female 90° A-cod.

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

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

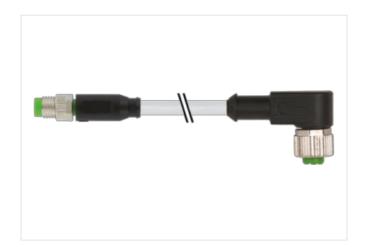
Further cable lengths on request.

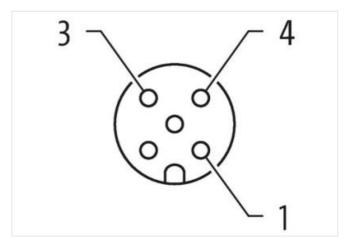
Plastic housings with good resistance against chemicals and oils.

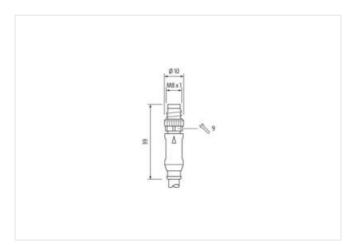
The resistance to aggressive media should be individually tested for your application. Further details on request.

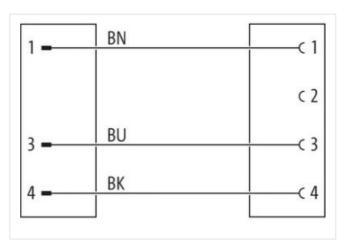
Link to Product

Illustration



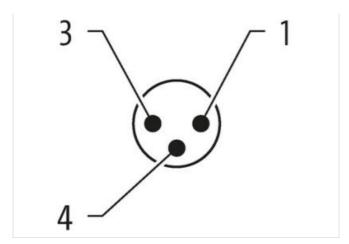


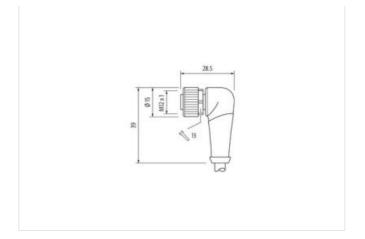






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Product may differ from Image











Cable length	0,6 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	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



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Castons suff number 6544280 CTIN 404887812832 Packaging unik 1 Electrical data (Suppy) 5 V Corenting voltage AC max. 60 V Operating voltage AC (UL field) 30 V Operating voltage AC (UL field) 30 V Operating voltage AC (UL field) 30 V Current operating per contact max. 4 A Device protection (EN IEC 6558) PBS, (P87, IP88, IP96K Device protection (EN IEC 6558) IP85, (P87, IP88, IP96K Additional condition protection degree IP85, (P87, IP88, IP96K Additional condition protection degree 1 SMV Molecular gover (UE 00664 1) 1 Red augre voltage 1,5 MV Molecular gover (UE 00664 1) 1 Meterial space (IEC 60664 1) FM Meterial position PMB Mountain guitation PMB Mountain guitation PMB Locking meterial PMB Conting temperature max. 28 °C Operating temperature max. 28 °C Operating temperature max. <	ETIM-5.0	EC001855
Peckerging unt	customs tariff number	85444290
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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 jacket	PUR
Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 %	Shore hardness jacket	58 ± 3 Shore D
Tolerance outer diameter (sheath) ± 5 %		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Material wire insulation PP		
	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
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