

M12 male 0° / M8 female 0° A-cod. snap-in

PUR 4x0.25 bk UL/CSA+drag chain 1m

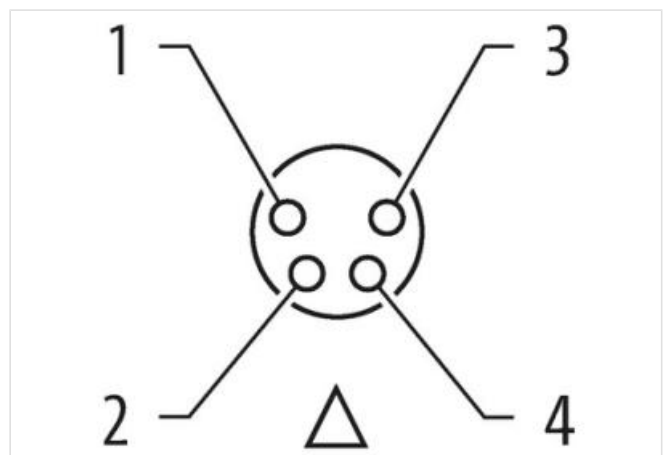
Male straight – female straight

M12 – M8 (Snap In), 4-pole

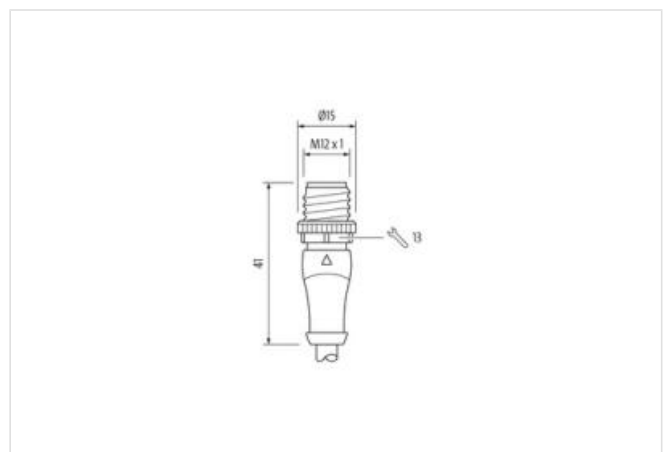
Plastic housings with good resistance against chemicals and oils.

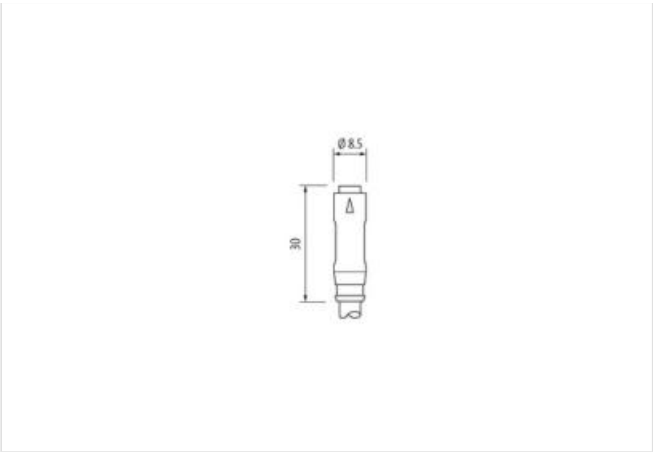
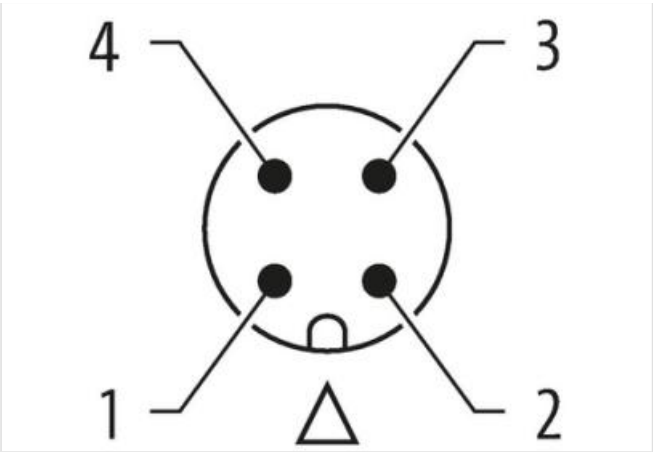
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link naar het product](#)**Afbeelding**

1	BN	1
2	WH	2
3	BU	3
4	BK	4





Product van afwijken van afbeelding



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed, Shaking protection
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Mounting method	inserted, geschnappt
Family construction form	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
Degree of protection (EN IEC 60529)	IP65
Commerciële gegevens	
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
Douane tarief nummer	85444290
GTIN	4048879785228
Verpakkingseenheid	1
Electrical data Supply	

Operating voltage AC max.	30 V
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Operating voltage DC max.	30 V
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Current operating per contact max.	4 A
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Installation | Connection

Mounting set	M12 x 1
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Device protection | Electrical

Pollution Degree	3
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Rated surge voltage	0,8 kV
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Material group (IEC 60664-1)	I
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Mechanical data | Material data

Locking screw coating	Nickeled
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Coating of fitting	nickel plated
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Locking material	Zinc die-casting
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Material screw connection	Zinc die-casting
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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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.
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Conformity

Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
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Installation | Cable

wire arrangement	brown, black, blue, white
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Cable identification	631
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Cable Type	3
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Jacket Color	black
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	4 wires twisted
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wire arrangement	brown, black, blue, white
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Cable weight	33 g/m
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Material jacket	PUR
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Shore hardness jacket	90 ± 5 Shore A
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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Outer-diameter (jacket)	4,5 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	PP
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Amount wires	4
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Outer diameter insulation	1,25 mm
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Outer diameter tolerance core insulation	± 5 %
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Shore hardness wire insulation	70 ± 5 Shore D
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Amount strands (wire)	32
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Diameter of single wires	0,1 mm
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Conductor crosssection (wire)	0,25 mm²
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Material conductor wire	Stranded copper wire, bare
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Conductor type (wire)	strand class 6
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Nominal voltage AC max.	300 V
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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min