

M12 male 90° / M12 female 90° B-cod. shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 1.5m

Male 90° – female 90°

M12, 4-pole – M12, 2-pole

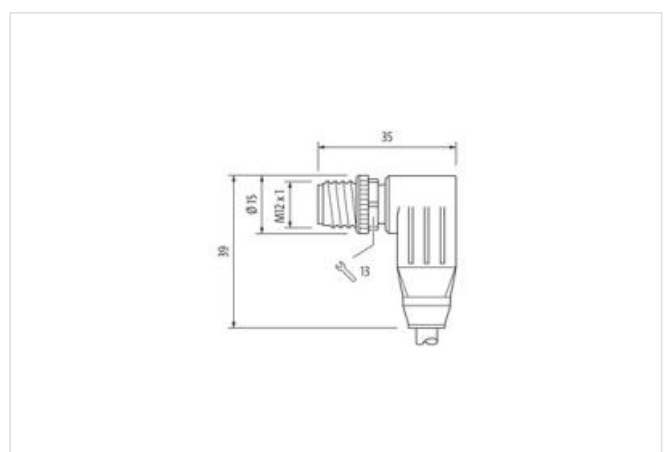
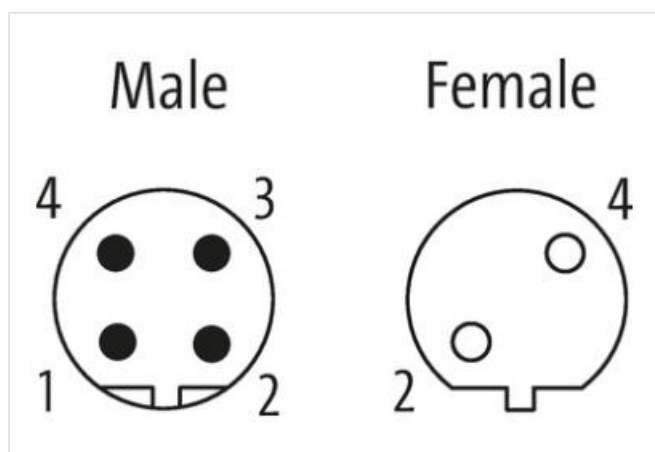
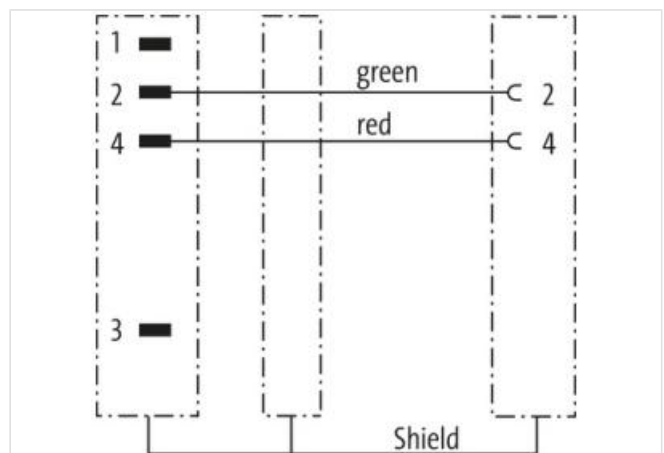
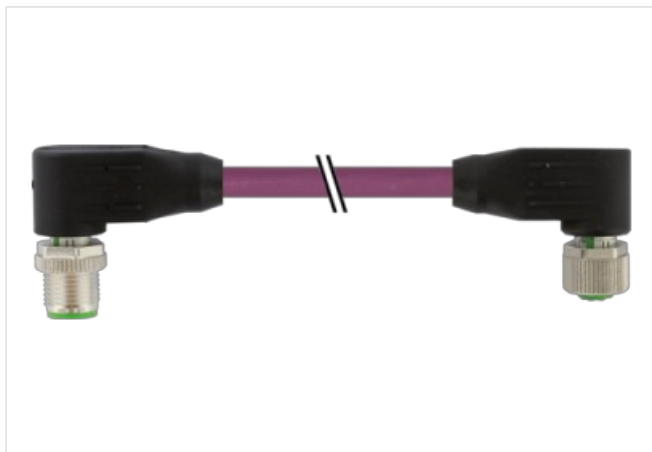
B-coded

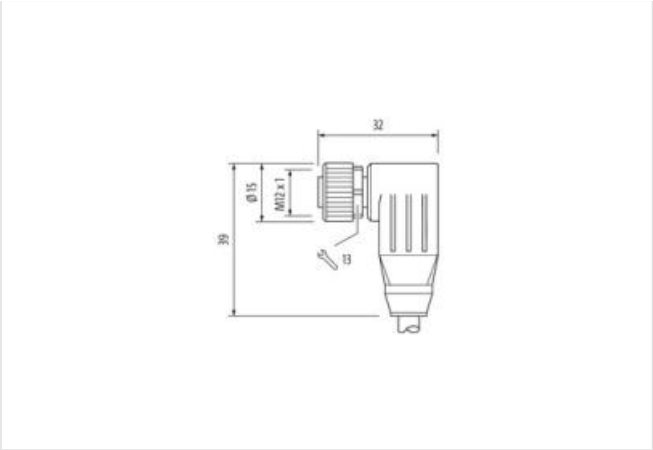
shielded

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**



Product van afwijken van afbeelding



Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	B
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	B
Material contact	Copper alloy
Material	PUR
No. of poles	2
Commerciële gegevens	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
Douane tarief nummer	85444290

GTIN	4048879142014
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Verpakkingseenheid	1
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Electrical data | Supply

Operating voltage AC max.	60 V
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Operating voltage DC max.	60 V
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Operating voltage AC (UL-listed)	30 V
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Operating voltage DC (UL-listed)	30 V
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Current operating per contact max.	4 A
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Diagnostics

Status indication LED	no
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
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Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Rated surge voltage	1,5 kV
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Material group (IEC 60664-1)	I
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Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Coating locking	Nickeled
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Material gasket	FKM
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Locking material	Zinc die-casting
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Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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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)
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Installation | Cable

Cable identification	840
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Jacket Color	violet
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	2 wires twisted
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Cable shielding (type)	copper braid, tinned
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Cable shielding (coverage)	70 %
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Banding	Fleece, Foil
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wire arrangement	red, green
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Cable weight	82,5 g/m
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Material jacket	TPE-V
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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)	7,8 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material inner jacket	TPE-V
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Color (inner jacket)	white
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	250 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	78 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	30000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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)	10 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C