

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

PUR AWG24+22 shielded vt UL/CSA+drag ch. 0.5m

Male 90° – female 90° M12 – M12, 4-pole B-coded shielded

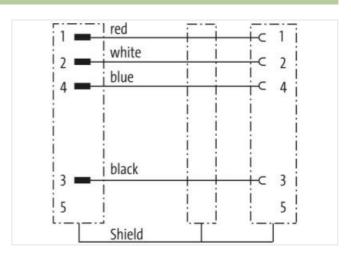
Plastic housings with good resistance against chemicals and oils.

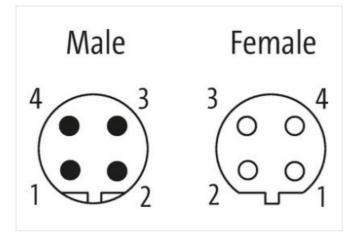
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

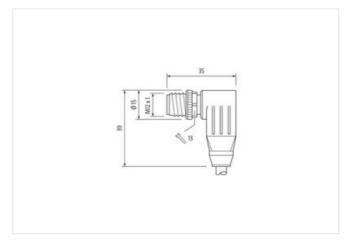
Link to Product

Illustration

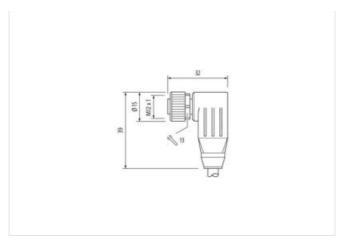












Product may differ from Image





Cable length	0,5 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
Coding	В	
Material	PUR	
No. of poles	4	
Width across flats	SW13	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
Coding	В	
Material	PUR	
No. of poles	4	
Commercial data		
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	
customs tariff number	85444290	
GTIN	4048879285391	
Packaging unit	1	
Electrical data Supply		



stay connected

Operating voltage DC (Place) Operating voltage DC (UL islaed) Operating protection (EN IEC D0529) Polytice protection (EN IEC D0529	60 V
Operating voltage DC (UL Islaed)	60 V
Current coperating per contact max. Device protection Electrical Degree of protection (EN IEC 60589) IPS7 Additional condition protection degree Inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60584-1) I Machanical data Material data Contour for corrugated hose without Machanical data Material data Contour for corrugated hose without Machanical data Material data Contour for corrugated hose without Machanical data Material data Contour for corrugated hose without Machanical data Material data Contour for corrugated hose without Machanical data Material data Contour for corrugated hose without Machanical data Mounting data Machanical data	30 V
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Degree of protection (EN IEC 60599) IP67 Additional condition protection degree inserted, screwed Protition Degree 3 Rated surge voltage 1,5 kV Material group (IEC 605641) I Machanical data Material of protection of protection of protection of protection (EN 605641) I Machanical data Material of protection of	4 A
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Coating locking Nickeled Zinc die-casting Mechanical data Mounting material	
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Tolerance outer diameter (sheath) ±5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) 803 violet cURus 1 2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 65 % Foil 22 AWG (white, blue), (black, red) 63,12 g/m PUR 90 ± 5 Shore A
Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) 803 violet cURus 1 2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 65 % Foil 22 AWG (white, blue), (black, red) 63,12 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires 2 Outer diameter insulation 2,1 mm	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) 803 violet cURus 1 2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 65 % Foil 22 AWG (white, blue), (black, red) 63,12 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,9 mm
Outer diameter insulation 2,1 mm	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) 803 violet cURus 1 2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 65 % Foil 22 AWG (white, blue), (black, red) 63,12 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,9 mm ± 5 %
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Conformity Product standard Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Drain wire (cross-section) wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	



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Shore hardness wire insulation	64 ± 5 Shore D
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
Drain wire (cross-section)	22 AWG
Material conductor wire	copper stranded wire, tinned
Electrical function wire	Data
Material wire insulation (Data)	PE
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	± 53 %
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	19
Diameter of single wires (Data)	22 AWG
Conductor crosssection wire (Data)	22 AWG
Material conductor wire (Data)	copper stranded wire, tinned
Electrical function wire (data)	Power
Traversing distance (C-track)	5 m
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Current load capacity min. Wire (Data)	6 A
Electrical function wire	Data
Electrical function wire (data)	Power
Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °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	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	1 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min