

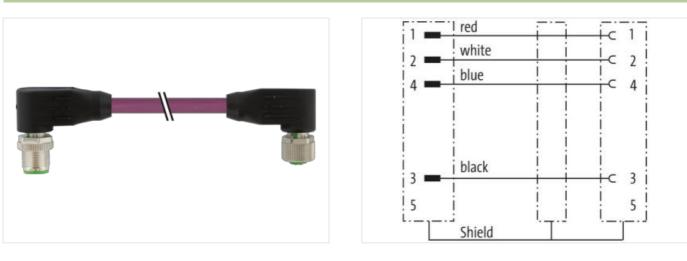
M12 male 90° / M12 female 90° B-cod. shielded

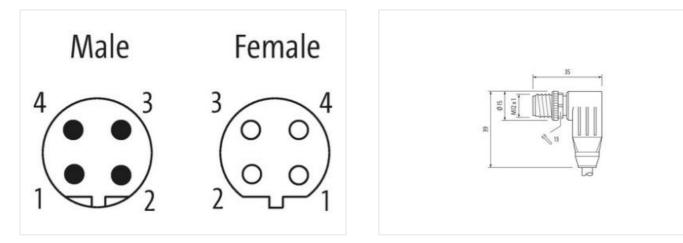
PUR AWG24+22 shielded vt UL/CSA+drag ch. 10m

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



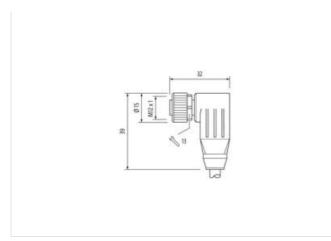




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Product may differ from Image



Cable length	10 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	4048879141611	
Packaging unit	1	
Electrical data Supply		

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Spring volume 20 max 60 V Operating volume 20 max 60 V Operating volume 20 CUL-stated) 30 V Current operating per contation max. 4 A Device protoction I Electrical 90 V	Operating voltage AC max.	60 V
Operating voltage & C. (Ulisted) 30 V Operating voltage & C. (Ulisted) 30 V Convert opprafing por contact max. 4 A Device protection (ENIE 60:082) IP67 Additional condition protection degree inserted, screwed Paulution protection degree inserted, screwed Paulution protection degree inserted, screwed Maderial group (IEC 60:064-1) 1 Mechanical data Material group (IEC 60:064-1) Constrain (Improacture min. 25 °C Constrain function notes Bordes Constrain group (IEC 60:064-1) Mechanical data Protect the connectors by suitable measures from mechanical coals, e.g. by the usage of cable itee. <td< td=""><td></td><td>60 V</td></td<>		60 V
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Drain wire (cross-section)22 AWGWire arrangement(white, blue), (black, red)Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Cable shielding (coverage)	65 %
wire arrangement(white, blue), (black, red)Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Banding	Foil
Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Drain wire (cross-section)	22 AWG
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	wire arrangement	(white, blue), (black, red)
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Cable weigth	63,12 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2	-	PUR
Outer-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Shore hardness jacket	
Tolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PE Amount wires 2	Outer-diameter (jacket)	6,9 mm
Amount wires 2		±5%
	Material wire insulation	PE
Outer diameter insulation 2,1 mm	Amount wires	2
	Outer diameter insulation	2,1 mm

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Outer diameter tolerance core insulation	±5%
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
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
No. of bending cycles (C-track)	1 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3 m/s
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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