

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

PUR 3x2x0.25 shielded vt 1.5m

Interbus
Male 90° – female 90°
M12 – M12, 5-pole
shielded

Further cable lengths on request.

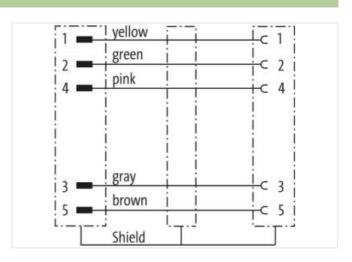
Plastic housings with good resistance against chemicals and oils.

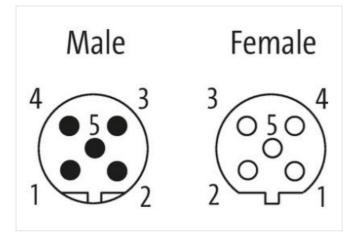
The resistance to aggressive media should be individually tested for your application. Further details on request.

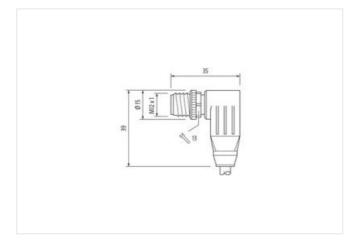
Link to Product

Illustration



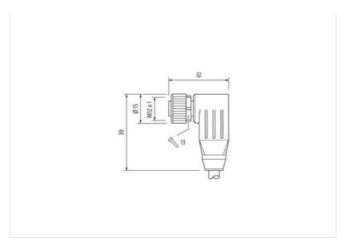








stay connected



Product may differ from Image











Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	В
No. of poles	5
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	В
No. of poles	5
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	4048879141468
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A

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: 2024-06-02



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Additional condition protection degree inserted, screwed	Degree of protection (EN IEC 60529)	IP65, IP67
Polution Degree 3 Rated surge voltage 1,5 kV Mechanical drise Microsite M	Additional condition protection degree	inserted, screwed
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Cable weight 76,49 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Filler	yes
Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	wire arrangement	(white, brown), (gray, pink), (green, yellow)
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Cable weigth	76,49 g/m
Freedom from ingredients (jacket) Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires Outer diameter insulation Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation \$\frac{5}{5}\$\$ \$\frac{5}{5}\$\$ Shore D Ingredient freeness wire insulation Ingredient freeness wire insulation Ead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Nominal voltage AC max. 125 V Current load capacity (standard) t 5 % Conductor conductor silicone-free Allogen-free, silicone-free, silicone-free Allogen-free, silicone-free Allogen-free, silicone-free 6 CFC-free, halogen-free Allogen-free 8 Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Material jacket	PUR
Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PE Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Outer-diameter (jacket)	7,7 mm
Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Material wire insulation	PE
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Amount wires	6
Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Outer diameter insulation	1,4 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Shore hardness wire insulation	55 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Conductor crosssection (wire)	0,25 mm ²
Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4	Conductor type (wire)	strand class 6
	Nominal voltage AC max.	125 V
Current load capacity min. wire 3,2 A	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	3,2 A
Characteristic impedance $100 \Omega \pm 15 \%$ @ 1 MHz	Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire 79,5 Ω/km @ 20 °C	Electrical resistance line constant wire	79,5 Ω/km @ 20 °C

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: 2024-06-02



AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electrical capacity line constant (wire - wire)	60000 pF/km
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 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	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)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 m/s @ 25 °C