

M12 male 0° / M12 female 0° A-cod.

PUR AWG24+22 shielded vt UL/CSA+drag ch. 3m

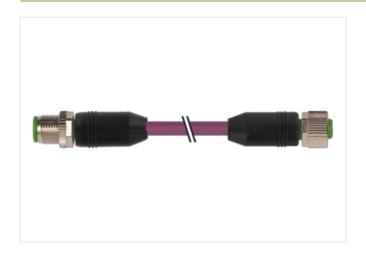
DeviceNet, CANopen Male straight – female straight M12 – M12, 5-pole A-coded shielded

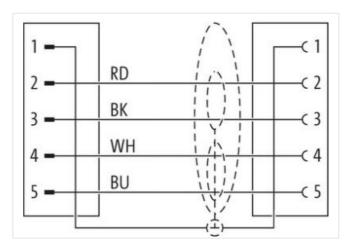
Plastic housings with good resistance against chemicals and oils.

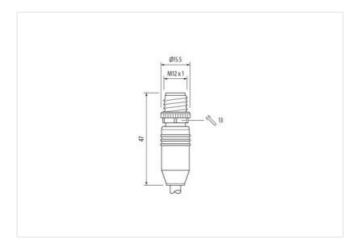
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

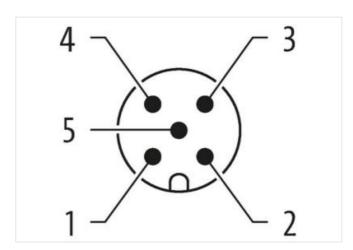
Link to Product

Illustration



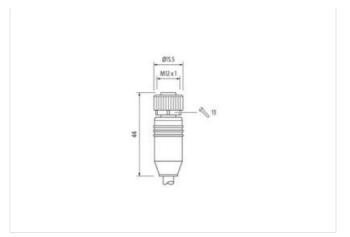


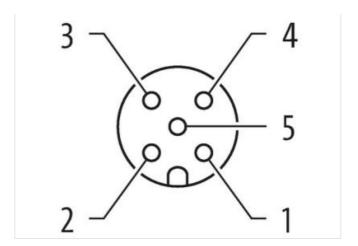






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Product may differ from Image



Cable length





3 m







Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
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



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Coperating voltage AC max.	Packaging unit	1
Operating voltage DC max 69 V Operating voltage DC (UL-listed) 30 V Current operating pp contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60064+1) 1 Mechanical data Content for corruptated hose without Electrical Additional condition protection degree Web-hanical data Content for corruptated hose without Electrical Additional condition stall flaterial data Coaling looking Nickelud Coating looking Nickelud Coating looking Nickelud Coating looking Nickelud Looking material Zinc die-casting Material Server connection Material Server corruptation Material Server coru	Electrical data Supply	
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Operating voltage DC (UL-steed)		30 V
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Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled PKM Aterial gasket FKM Locking material Zinc die-casting Material gasket FKM Mounting material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on banding radius Attending Cable Contentity Product standard Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attending Cable Cable identification 803 Jacket Color Violet Type of Certificate Color Violet Type of Certificate Color Violet Type of Certificate Color Violet Stranding (type 2) 1 Stranding (type 2) 2 Stranding (type 2) 2 Stranding (type 2) 5 Stranding (type 2) 5 Stranding (type 2) 65 % Banding Foll Drain wire (cross-section) (White, Dlue), (black, red)		
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Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Contour for corrugated hose without Mechanical data Method Mechanical data Mounting data Mechanical data Method Mechanical data Mounting data Mechanical data Method Mechanical data		
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Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red)		
wire arrangement (white, blue), (black, red)		
<u> </u>		
Cable weigth 63,12 g/m		
Material jacket PUR		-
Shore hardness jacket 90 ± 5 Shore A		90 ± 5 Shore A
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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: 2024-05-18



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Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	2,1 mm
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
<u> </u>	
Outer diameter wire insulation (Data) Tolerance outer diameter wire insulation (data)	1,5 mm + 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 (fixed) Bending radius (dynamic)	10 x Outer diameter
<u> </u>	1 Mio.
Travel speed (C-track)	
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min