

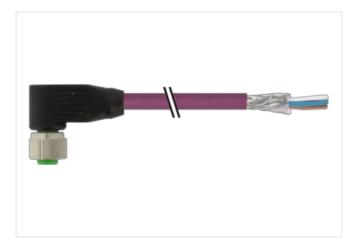
## M12 female 90° A-cod. with cable

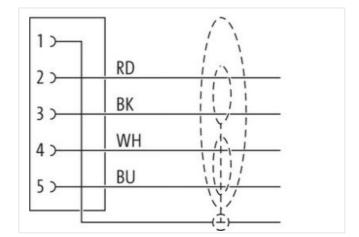
PUR AWG24+22 shielded vt UL/CSA+drag ch. 15m

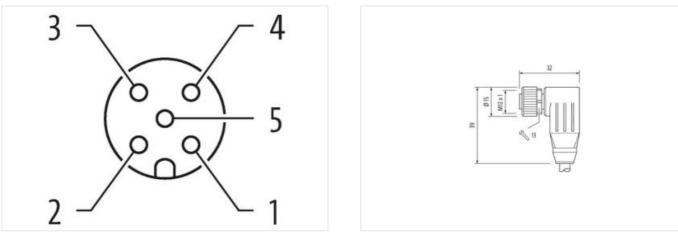
DeviceNet, CANopen Female 90° M12, 5-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-04-25

15 m

0,6 Nm



Thread         M2 × 1           Coding         A           Matania         PUR           Matania         PUR           Seques of protection (EN EC 60529)         IP65, IP66K, IP67           Commercial data         E           ECLASS 0.0         27061801           ECLASS 7.0         27061801           ECLASS 7.1         27060307           ECLASS 7.1         1           Exected data ISuppy         1           Derecoparing vintage D Cras.         60 V	Mounting method	inserted, screwed
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Material         PLF           With across ltats         SW13           With across ltats         SW13           Degree of protection (EN EC 60520)         IPES, IPEK, IPEK           ECLASS 8.0         27051801           ECLASS 8.0         27051801           ECLASS 8.0         27051801           ECLASS 8.0         27051801           ECLASS 8.10         27050807           ECLASS 8.11         27060307           ECLASS 8.12         27060307           ECLASS 8.13         27060307           ECLASS 8.14         27060307           ECLASS 9.15         27060307           ECLASS 9.10         27060307           ECLASS 9.11         27060307           ECLASS 9.12         27060307           ECLASS 9.13         27060307           ECLASS 9.14         27060307           ECLASS 9.15         27060307           ECLASS 9.16         27060307           ECLASS 9.17         492879199222           Packagring unit         1           Edectried datal Supped Orac.         60 V           Oparating vitagree Orac.         60 V           Oparating vitagree Orac.         60 V           Oparating vitagree Orac.         60	Thread	M12 x 1
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EQLASS 9.0     27061801       EQLASS 10.1     27060807       EQLASS 11.1     27060807       EQLASS 11.2     27060807       EQLASS 12.0     27060807       EQLASS 11.1     27060807       EQLASS 12.0     27060807       EQLASS 11.1     EQ01885       Coustons taff number     ES44490       GTIN     4048979199322       Packaging unit     1       Edectical dal Supply     Edectical dal Supply       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Outrent operating per contact max.     4 A       Installation   Connection       M12 x 1       Device protection   Electrical     Not N       Additional protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 60664-1)     1       Nechanical data   Material data     Codi-casting       Material protection degree     incelectasting       Material protel (Ed folecta	ECLASS-7.0	27061801
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busions tarilf number         85444290           GTIN         4048879199322           Packaging unit         1           Electrical data (Supply)         60 V           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Control Fectorinal         Hate Aurey voltage           Policition I Fectorical         Material group (IEC 60664-1)           Rede Surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data         Material group (IEC 60664-1)           Coating of fitting         nickel plated           Coating of fitting         Zinc di-caating           Mate	ECLASS-12.0	27060307
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Packaging unit         1           Electrical data   Supply         Image: Supple	customs tariff number	85444290
Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating oper contact max.         4 A           Installation I Connection         Installation I Connection degree           Additional condition protection degree         inserted, screwed           Polution Degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60664-1)         1           Mechanical data         Material data           Contor for corrugated hose         without           Mechanical data   Material data         Ince die-casting           Coating of fitting         ince die-casting           Material screw connection         zinc die-casting           Methanical data   Mounting data         Ince die-casting           Mouting method         inserted, screwed, Shaking protection           Environmetial characteristics / Climatic         25 °C           Operating Imperature max.	GTIN	4048879199322
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Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       -25 °C         Cable identification       803         Jacket Color       violet         Type of Certificate       cURus	Material screw connection	
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       803         Cable identification       803         Jacket Color       violet         Type of Certificate       cURus	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     200       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     803       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Installation   Cable       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus	Operating temperature min.	-25 °C
Installation   Cable       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus	Operating temperature max.	85 °C
Cable identification     803       Jacket Color     violet       Type of Certificate     cURus	Additional condition temperature range	depending on cable quality
Jacket Color violet Type of Certificate cURus	Installation   Cable	
Type of Certificate cURus	Cable identification	803
	Jacket Color	violet
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
Drain wire (cross-section)	22 AWG
wire arrangement	(white, blue), (black, red)
No. of bending cycles (C-track)	1 Mio.
Cable weigth	63,12 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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
	PE
Material wire insulation (Data)	
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	
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
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
Nominal voltage power AC max.	300 V
Electric capacitance (power)	40000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	2° 08
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C

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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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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