

## M12 Steel female 0° A-cod. with cable

PVC 4x0.34 gy UL/CSA 20m

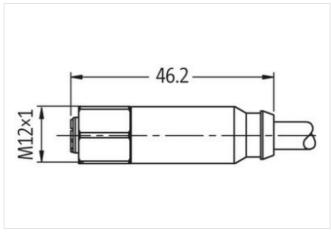
F&B-Steel Female straight M12, 4-pole with cable sleeves Further cable lengths on request.

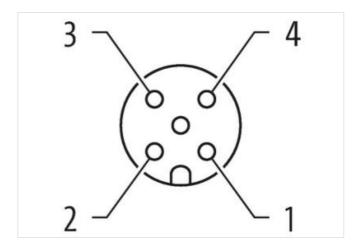
## **Link to Product**

## Illustration









Product may differ from Image



Cable length	20 m	
Side 1		
Tightening torque	0,6 Nm	
Family construction form	M12	



stay connected

Thread	M12 x 1
Coding	A
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP68, IP69K
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879107822
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	32 V
Operating voltage DC max.	32 V
Current operating per contact max.	4 A
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Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data   Mounting data	
Mechanical data   Mounting data  Mounting method	inserted, screwed, Shaking protection
Mounting method	
Mounting method  Environmental characteristics   Climation	
Mounting method  Environmental characteristics   Climation Operating temperature min.	-40 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	-40 °C 85 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-40 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	-40 °C 85 °C depending on cable quality
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable	-40 °C  85 °C  depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214 1 gray cURus
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214 1 gray cURus 1
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214 1 gray cURus 1 4 wires twisted
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	-40 °C  85 °C  depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214  1  gray  cURus  1  4 wires twisted  brown, black, blue, white
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214  1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	-40 °C 85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore 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: 2024-05-03

Bending radius (dynamic)



	DVO
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter

10 x Outer diameter