

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

PVC 4x0.34 shielded bk UL/CSA 1m

Female straight M12, 4-pole shielded

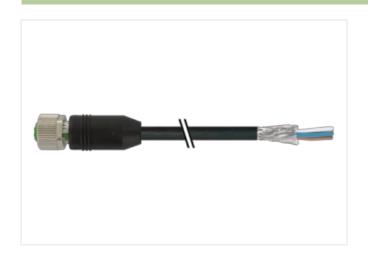
with cable sleeves

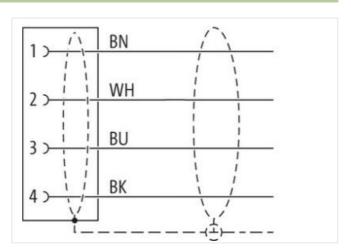
Plastic housings with good resistance against chemicals and oils.

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

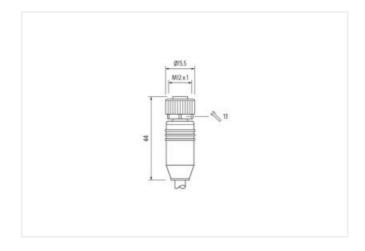
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

1 m

Side 1

Tightening torque

0,6 Nm

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



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879483896
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
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)	
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
	depending on cable quality
Additional condition temperature range	depending on easie quality
Additional condition temperature range  Important installation notes	depending on easie quality
Important installation notes	
	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
Important installation notes  Note on strain relief  Note on bending radius	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Important installation notes  Note on strain relief  Note on bending radius  Conformity	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.
Important installation notes  Note on strain relief  Note on bending radius	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

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stay connected	ı
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Cable identification	179
Jacket Color	green
Type of Certificate	cURus
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints with Filler twisted
Banding	Fleece
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	60,5 g/m
Material jacket	PVC
Shore hardness jacket	92 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	6,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Characteristic impedance	100 Ω
Electrical resistance line constant wire	87 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	49000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
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Max. operating temperature (fixed)	80 °C
Max. operating temperature (fixed)  Operating temperature min. (dynamic)	-5 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-5 °C 70 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	-5 °C 70 °C UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	-5 °C 70 °C UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	-5 °C  70 °C  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  Good, application-related testing  Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	-5 °C  70 °C  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404