

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

PVC 4x0.34 shielded gy UL/CSA 35m

Female straight M12, 4-pole shielded

with cable sleeves

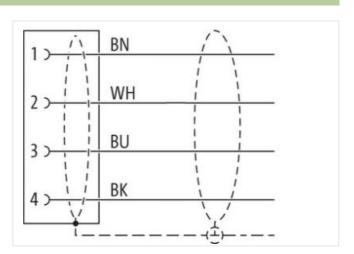
Plastic housings with good resistance against chemicals and oils.

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

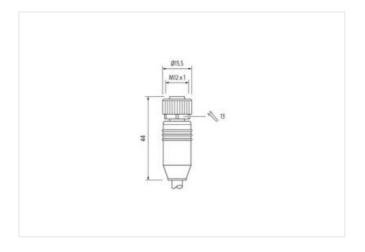
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

35 m

Side 1

Tightening torque

0,6 Nm



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	4048879845175
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
0 (	ما المام
Coating of fitting	nickel plated
Locking material	Zinc die-casting
	· · · · · · · · · · · · · · · · · · ·
Locking material	Zinc die-casting
Locking material  Material screw connection	Zinc die-casting
Locking material  Material screw connection  Mechanical data   Mounting data	Zinc die-casting Zinc die-casting
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method	Zinc die-casting Zinc die-casting
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection  -25 °C 85 °C
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection  -25 °C 85 °C
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection  -25 °C 85 °C
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection  -25 °C  85 °C depending on cable quality
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection  -25 °C  85 °C depending on cable quality
Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Installation   Cable	Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection  -25 °C  85 °C depending on cable quality  DIN EN 61076-2-101 (M12)



Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	58,3 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,3 mm
Tolerance outer diameter (sheath)	± 5 %
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
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
Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter