

## M12 male 90° A-cod. with cable shielded

PVC 4x0.34 shielded gy 7.5m

Male 90° M12, 4-pole shielded A-coded

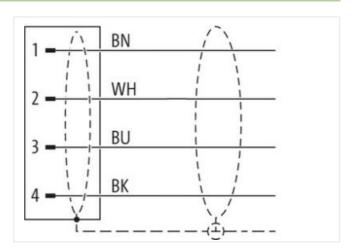
Plastic housings with good resistance against chemicals and oils.

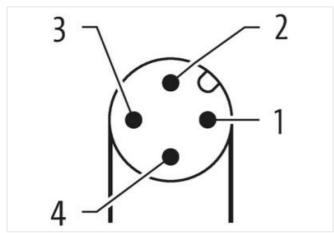
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

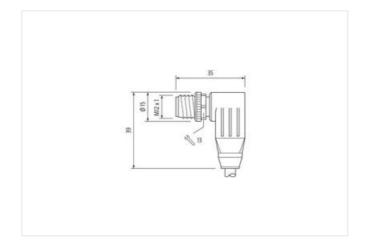
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

7,5 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: 2024-05-20



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Mounting method	incorted corowed
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form Thread	M12
	M12 x 1
Coding	A Constant all and
Material contact  Material	Copper alloy PUR
No. of poles Width across flats	4 SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	1F03, 1F00K, 1F07
Stripping length (jacket)	20 mm
Coating contact	gold plated
	gold placed
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	4048879200653
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
	WILAT
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	<u> </u>
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	incorted agrayed Challing protection
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

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Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
Conformity		
roduct standard	DIN EN 61076-2-101 (M12)	
Installation   Cable		
	brown block blue white	
rire arrangement Cable identification	brown, black, blue, white 330	
acket Color		
	gray 1	
mount stranding		
stranding	4 wires twisted	
tranding factor min.	74 mm	
tranding factor max.	74 mm	
cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	85 %	
anding	Fleece, Foil	
rire arrangement	brown, black, blue, white	
able weigth	53,9 g/m	
Material jacket	PVC	
hore hardness jacket	85 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free	
Outer-diameter (jacket)	5,9 mm	
olerance outer diameter (sheath)	± 5 %	
laterial wire insulation	PVC	
mount wires	4	
uter diameter insulation	1,4 mm	
Outer diameter tolerance core insulation	± 5 %	
hore hardness wire insulation	85 Shore A	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free	
mount strands (wire)	42	
liameter of single wires	0,1 mm	
conductor crosssection (wire)	0,34 mm²	
faterial conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
fax. rated voltage (conductor - conductor)	500 V	
fax. rated voltage (conductor - ground)	300 V	
urrent load capacity (standard)	to DIN VDE 0298-4	
urrent load capacity min. wire	4,8 A	
lectrical resistance line constant wire	57 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	1,5 kV @ 60 s	
lower frequency withstand voltage (wire - acket)	1,5 kV @ 60 s	
C withstand voltage (wire - shield)	1,5 kV @ 60 s	
lin. operating temperature (static)	-30 °C	
ax. operating temperature (fixed)	80 °C	
perating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	70 °C	
lame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090	
hemical resistance	Good, application-related testing	
asoline resistance	Good, application-related testing	
Dil resistance	Good, application-related testing   DIN EN 60811-404	
ending radius (fixed)	5 x Outer diameter	
ending radius (dynamic)	15 x Outer diameter	

Product-PDF for Article 7000-13141-3300750

