

stay connected

M12 male 0° A-cod. with cable shielded

PVC 4x0.34 shielded gy 20m

Male straight M12, 4-pole A-coded shielded

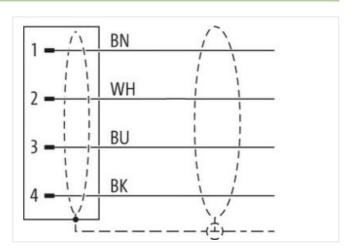
Plastic housings with good resistance against chemicals and oils.

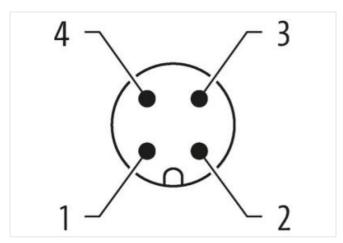
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

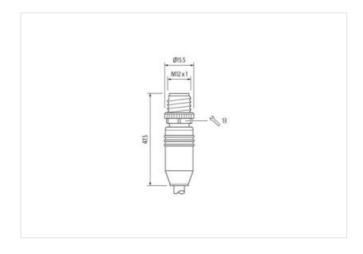
Link to Product

Illustration









Product may differ from Image









Cable length

20 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: 2024-04-16



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Mounting method	incontrol coverind
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12 × 1
Thread	
Coding	A Consequence
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	II 00, II 00K, II 07
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	god platos
	27279218
ECLASS-6.0 ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.0	27279218
ECLASS-9.0	27060311
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879318457
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
Device protection Electrical	··· ·
	insorted seroused
Additional condition protection degree Pollution Degree	inserted, screwed 3
Rated surge voltage	3 1,5 kV
Material group (IEC 60664-1)	1,0 NV
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
Additional condition temperature range	depending on cable quality



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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
	200
Cable identification	330
Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Stranding factor min.	74 mm
Stranding factor max.	74 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	53,9 g/m
Material jacket	PVC
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature min. (dynamic)	
Operating temperature max. (dynamic)	70 °C
	70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Operating temperature max. (dynamic)	
Operating temperature max. (dynamic) Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Operating temperature max. (dynamic) Flame resistance chemical resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing
Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing