

M12 male 0° A-cod. with cable shielded

PVC 4x0.34 shielded gy 5m

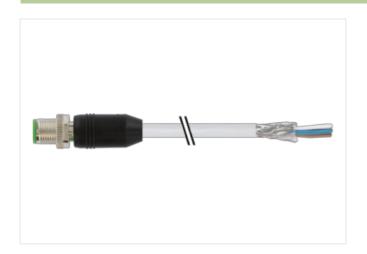
Male straight M12, 4-pole A-coded shielded

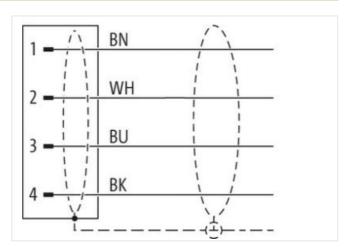
Plastic housings with good resistance against chemicals and oils.

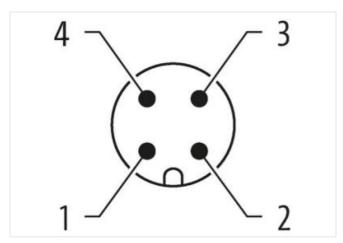
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

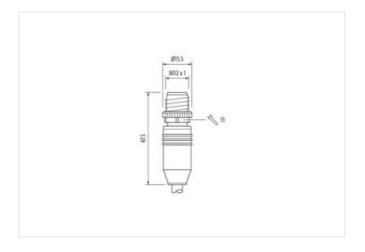
Link to Product

Illustration









Product may differ from Image









Cable length

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: 2024-05-05



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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	Α
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-0.1	27279218
ECLASS-7.0	27279218
ECLASS-9.0	27060311
ECLASS-9.0 ECLASS-10.1	27060311
ECLASS-10.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879201339
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	
Installation Connection	
Stripping length (jacket)	20 mm
·	20 mm M12 x 1
Stripping length (jacket)	
Stripping length (jacket) Mounting set	
Stripping length (jacket) Mounting set Device protection Electrical	M12 x 1
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree	M12 x 1 inserted, screwed
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree	M12 x 1 inserted, screwed 3
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage	M12 x 1 inserted, screwed 3 1,5 kV
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1)	M12 x 1 inserted, screwed 3 1,5 kV
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	inserted, screwed 3 1,5 kV
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	inserted, screwed 3 1,5 kV I Nickeled
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting	inserted, screwed 3 1,5 kV I Nickeled nickel plated
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material	inserted, screwed 3 1,5 kV I Nickeled nickel plated Zinc die-casting
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection	inserted, screwed 3 1,5 kV I Nickeled nickel plated Zinc die-casting
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data	inserted, screwed 3 1,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	inserted, screwed 3 1,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic	inserted, screwed 3 1,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection

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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
	220
Cable identification	330
lacket 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
vire arrangement	brown, black, blue, white
Cable weigth	53,9 g/m
Material jacket	PVC
Shore 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%
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
ngredient 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
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	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)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	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 max. (dynamic)	70 °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
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter