

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 1.5m

M12, 5-pole Female straight shielded

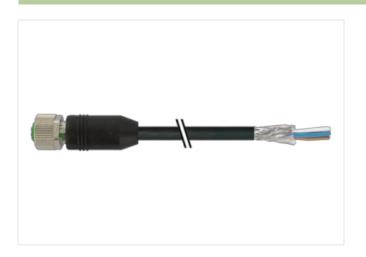
with cable sleeves

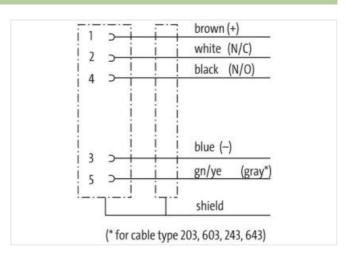
Plastic housings with good resistance against chemicals and oils.

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

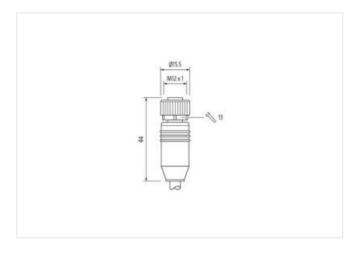
Link to Product

Illustration









Product may differ from Image













Cable length

1,5 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: 2024-04-26



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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
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	4048879515122
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	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Gender	MIZXI
dendel	female
Device protection Electrical	
Device protection Electrical	female
Device protection Electrical Additional condition protection degree	female inserted, screwed
Device protection Electrical Additional condition protection degree Pollution Degree	female inserted, screwed 3
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage	female inserted, screwed 3
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1)	female inserted, screwed 3
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data	inserted, screwed 3 1,5 kV
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking	inserted, screwed 3 1,5 kV
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting	inserted, screwed 3 1,5 kV I
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated Zinc die-casting
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated Zinc die-casting
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated Zinc die-casting
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting
Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Contour for corrugated hose Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic	female inserted, screwed 3 1,5 kV I without Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection

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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	603
Cable Type	1
• • • • • • • • • • • • • • • • • • • •	
Jacket Color	black cURus
Type of Certificate Amount stranding	
	1 5 wires around Core filler twisted
Stranding Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 % Fleece, Foil
Banding	· · · · · · · · · · · · · · · · · · ·
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	68,2 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)	5,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
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 mm ²
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	4,5 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 ℃
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter