

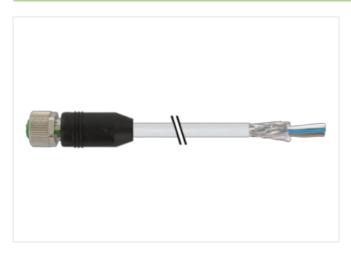
M12 female 0° A-cod. with cable shielded

PVC 4x0.34 shielded gy UL/CSA 5m

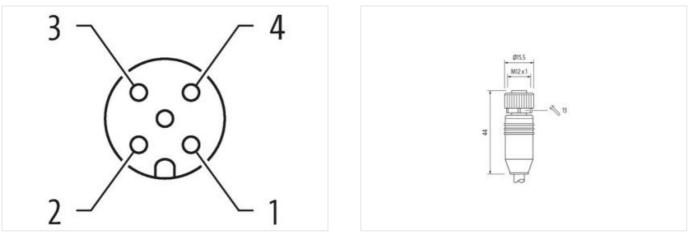
Female straight M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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5 m

0,6 Nm

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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	4048879439732
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
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
Important installation notes	
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	

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wire arrangement	brown, black, blue, white
Cable identification	201
Cable Type	1
Jacket Color	gray
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
Ingredient freeness wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, silicone-free 19
Amount strands (wire)	19
Amount strands (wire) Diameter of single wires	19 0,15 mm
Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	19 0,15 mm 0,34 mm ²
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	19 0,15 mm 0,34 mm² Stranded copper wire, bare
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max.	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic)	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity (standard) Current load capacity (wire - wire) Power frequency withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C -5 °C 80 °C -15 % Linco FT2 IEC 60332-2-2 UL 1581 § 1090
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 300 V to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C -2 kV [] IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing

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