

M12 male 0° / M12 female 0° A-cod. shielded

PVC 4x0.34 shielded gy UL/CSA 8m

Male straight – female straight M12 – M12, 4-pole shielded

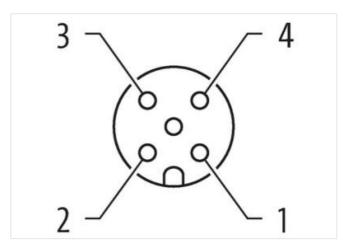
Plastic housings with good resistance against chemicals and oils.

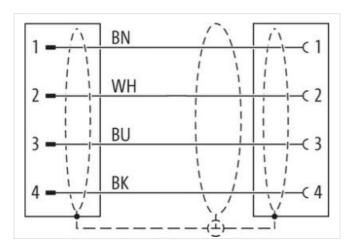
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

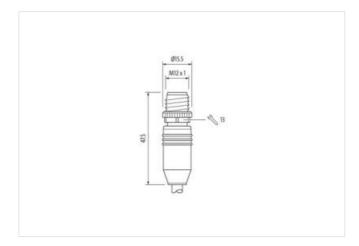
Link to Product

Illustration



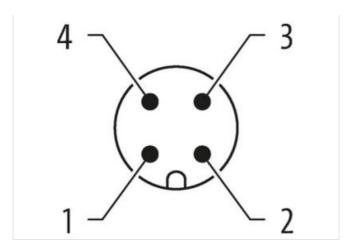


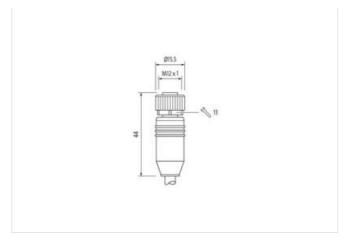






stay connected





Product may differ from Image













Side 1 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12	
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Family construction form M12 Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Width across flats SW13 Degree of protection (EN IEC 60529) Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Degree of protection (EN IEC 60529) Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed	
Tightening torque 0,6 Nm Mounting method inserted, screwed	
Mounting method inserted, screwed	
Family construction form M12	
Talliny schools school	
Thread M12 x 1	
Material PUR	
Width across flats SW13	
Commercial data	
ECLASS-6.0 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 4048879467735	
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	

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: 2024-05-17



stay connected

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
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 min. Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<u> </u>	auponamy on outro quanty
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	
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
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
Nominal voltage AC max.	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)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 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)	80 °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
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter