

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

PUR 4x0.34 shielded gn 2.5m

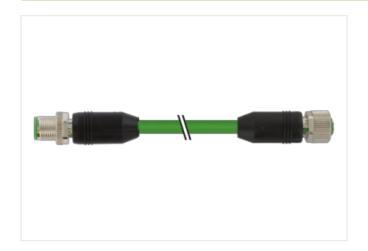
Male straight – female straight M12 – M12, 4-pole shielded

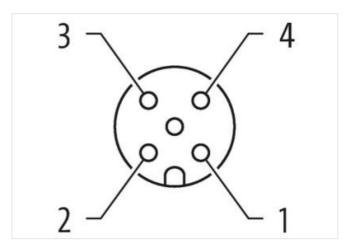
Plastic housings with good resistance against chemicals and oils.

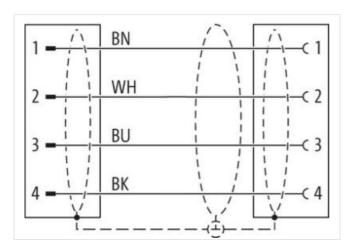
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

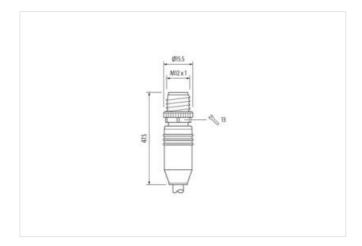
## **Link to Product**

## Illustration



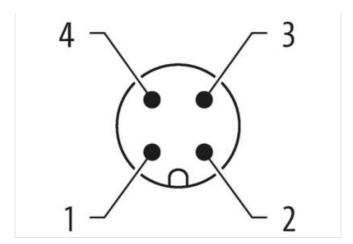


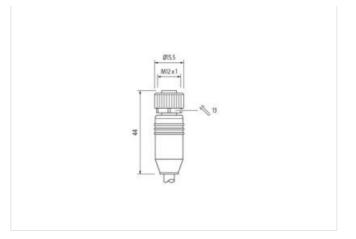






stay connected





Product may differ from Image











Cable length	2,5 m
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
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Commercial data	
Commercial data ECLASS-6.0	27279218
	27279218 27279218
ECLASS-6.0	
ECLASS-6.0 ECLASS-7.0	27279218
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0	27279218 27279218
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0	27279218 27279218 27060311
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1	27279218 27279218 27060311 27060311
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1	27279218 27279218 27060311 27060311
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0	27279218 27279218 27060311 27060311 27060311
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0	27279218 27260311 27060311 27060311 27060311 EC001855
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number	27279218 27060311 27060311 27060311 27060311 EC001855 85444290
ECLASS-6.0 ECLASS-7.0 ECLASS-8.0 ECLASS-9.0 ECLASS-10.1 ECLASS-11.1 ECLASS-12.0 ETIM-5.0 customs tariff number GTIN	27279218 27060311 27060311 27060311 27060311 EC001855 85444290 4048879165471
ECLASS-6.0  ECLASS-7.0  ECLASS-8.0  ECLASS-9.0  ECLASS-10.1  ECLASS-11.1  ECLASS-12.0  ETIM-5.0  customs tariff number  GTIN  Packaging unit	27279218 27060311 27060311 27060311 27060311 EC001855 85444290 4048879165471
ECLASS-6.0  ECLASS-7.0  ECLASS-8.0  ECLASS-9.0  ECLASS-10.1  ECLASS-11.1  ECLASS-12.0  ETIM-5.0  customs tariff number  GTIN  Packaging unit  Electrical data   Supply	27279218 27060311 27060311 27060311 27060311 EC001855 85444290 4048879165471 1

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



stay connected

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		
	insended several Chaling protection	
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	<b>Attention:</b> 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		
·	000	
Cable identification  Jacket Color	820	
Amount stranding	green 1	
Stranding	4 wires twisted	
Stranding factor min.	45 mm	
Stranding factor max.	45 mm	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	85 %	
Banding	Fleece	
vire arrangement	brown, black, blue, white	
Cable weigth	48,95 g/m	
Material jacket	PUR	
Shore hardness jacket	85 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	5,9 mm	
Folerance outer diameter (sheath)	±5%	
Material wire insulation	TPE	
Amount wires	4	
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	± 5 %	
Shore hardness wire insulation	85 ± 5 Shore A	
ngredient freeness wire insulation	lead-free, halogen-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	

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



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
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C
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
Bending radius (dynamic)	15 x Outer diameter