

M8 male 0° / M12 female 0° A-cod. LED

PUR 3x0.25 bk UL/CSA+drag ch. 3m

Male straight – female straight M8 – M12, 3-pole 2× LED (PNP), (NPN) on request Further cable lengths on request.

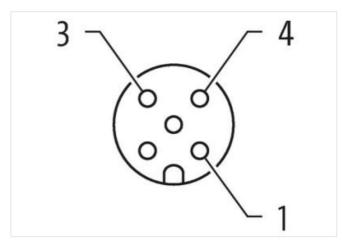
Plastic housings with good resistance against chemicals and oils.

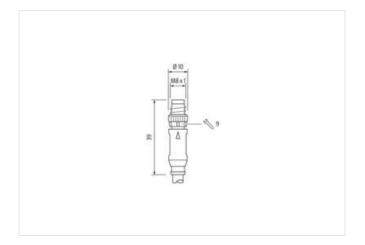
The resistance to aggressive media should be individually tested for your application. Further details on request.

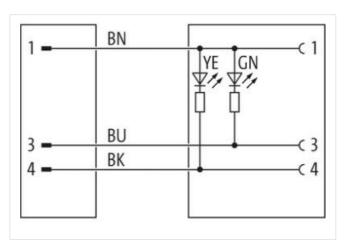
Link to Product

Illustration



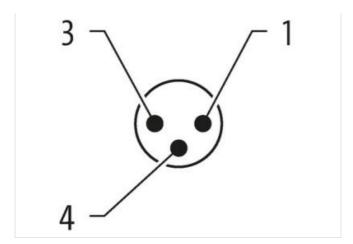


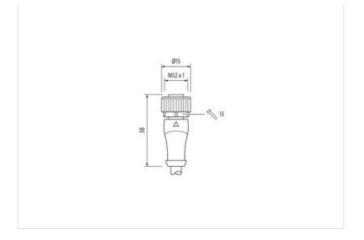






stay connected





Product may differ from Image











Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
No. of poles	3
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	4048879684606
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (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: 2024-04-25



stay connected

Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	<u> </u>
Mechanical data Material data	
Coating locking nut	nickel plated
Locking screw coating	nickel plated
Material housing	PUR
Locking nut material	Zinc die-casting
Locking material screw	Brass
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	630
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
0	. 50/
	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Shore hardness wire insulation Ingredient freeness wire insulation	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm
Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm 0,25 mm ²
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm 0,25 mm² Stranded copper wire, bare
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm 0,25 mm² Stranded copper wire, bare strand class 6
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm 0,25 mm² Stranded copper wire, bare



Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m