

M8 male 90° / M8 female 90° A-cod. LED

PUR 3x0.25 bk UL/CSA+robot+drag ch. 2m

Male 90° – female 90° M8 – M8, 3-pole

 $2\times$ LED (PNP), (NPN) on request

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

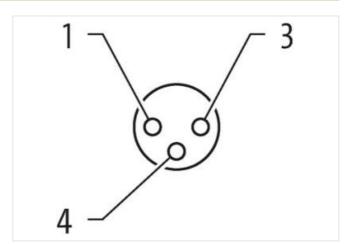
Plastic housings with good resistance against chemicals and oils.

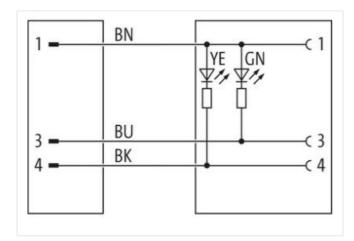
The resistance to aggressive media should be individually tested for your application. Further details on request.

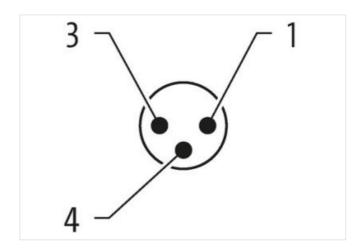
Link to Product

Illustration



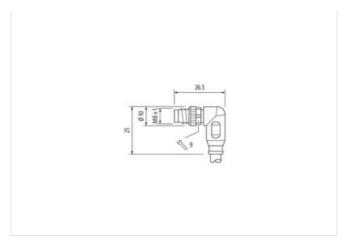


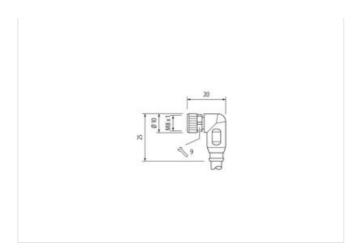






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Product may differ from Image











Cable length	2 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
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Thread	M8 x 1
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	4048879125123
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
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
Device protection Electrical	

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: 2024-05-01



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egree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
dditional condition protection degree	inserted, screwed
ollution Degree	3
ated surge voltage	0,8 kV
laterial group (IEC 60664-1)	I and the second
Mechanical data Material data	
oating locking	safe-cover coated
laterial housing	PUR
ocking material	Zinc die-casting
Mechanical data Mounting data	
lounting method	inserted, screwed, Shaking protection
-	
Environmental characteristics Climatic	
perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ote 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	
roduct standard	DIN EN 61076-2-114 (M8)
nstallation Cable	
·	050
able identification	650
able Type	5
acket Color	black cURus
ype of Certificate mount stranding	1
tranding	3 wires twisted brown, black, blue
ire arrangement able weigth	
laterial jacket	26,4 g/m PUR
hore hardness jacket	58 ± 3 Shore D
•	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
reedom from ingredients (jacket)	
outer-diameter (jacket)	4,3 mm
olerance outer diameter (sheath)	±5%
laterial wire insulation mount wires	PP 3
outer diameter insulation	1,25 mm
uter diameter tolerance core insulation	±5%
hore hardness wire insulation	74 ± 3 Shore D
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	32
iameter of single wires	0,1 mm
	0,25 mm ²
onductor crosssection (wire)	· · · · · · · · · · · · · · · · · · ·
onductor crosssection (wire) laterial conductor wire	Stranded copper wire, bare
onductor crosssection (wire) laterial conductor wire onductor type (wire)	Stranded copper wire, bare strand class 6
onductor crosssection (wire) laterial conductor wire onductor type (wire) raversing distance (C-track)	Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal
onductor crosssection (wire) laterial conductor wire onductor type (wire) raversing distance (C-track) ominal voltage AC max.	Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal 300 V
onductor crosssection (wire) laterial conductor wire onductor type (wire) raversing distance (C-track) ominal voltage AC max. urrent load capacity (standard)	Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal 300 V to DIN VDE 0298-4
onductor crosssection (wire) laterial conductor wire onductor type (wire) raversing distance (C-track) ominal voltage AC max.	Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal 300 V



Power frequency withstand voltage (wire - jacket)	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	IEC 60332-2-2 UL 1581 § 1100 FT2 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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m