

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

PUR 3x0.25 gy UL/CSA+robot+drag ch. 1m

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.

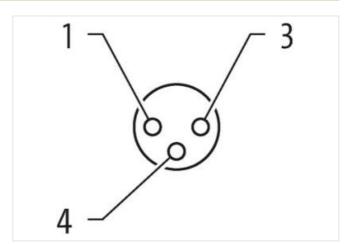
Plastic housings with good resistance against chemicals and oils.

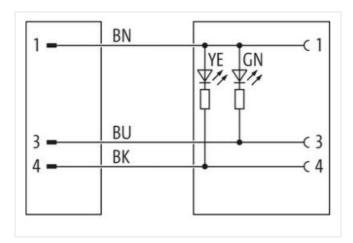
The resistance to aggressive media should be individually tested for your application. Further details on request.

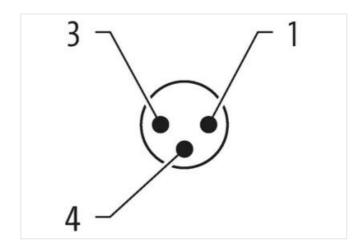
Link to Product

Illustration





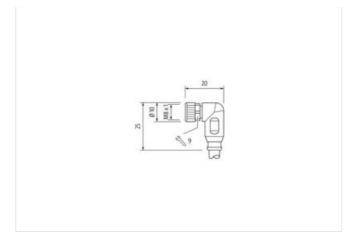






stay connected





Product may differ from Image











Cable length	1 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-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	4048879630238
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	



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Additional condition protection degree **Politikinal Degree	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Tellution Disgree 3 Authority or Voltage 3 A Water and group (IEC 60664-1) 1 Mechanical data Material data 2 Authority or Control Material data 2 Authority or Control Material data 2 Authority or Control Material Material data 2 Authority or Control Material Material data 4 Authority or Control Material Material data 4 Authority or Control Material Material Material data 5 Authority or Control Material Material Material Material Material Material 5 Authority or Control Material Material Material Material 6 Authority or Control Material Material Material 6 Authority or Control Material Material Material 6 Authority or Control Material Material 6 Authority or Control Material 7 Authority or Control Material 8 Authority or Control Material 8 Authority or Control Material 9 Authority or Control Material 9 Authority or Control Material 9 Authority or Control Material 1 Authority or		
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Inserted, screwed, Shaking protection		Zinc die-casting
Environmental characteristics Climatic Deparating temperature min25 °C Deparating temperature max. 85 °C diditional condition temperature range depending on cable quality Important installation notes Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. 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 61076-2-114 (M8) Installation Cable Zable Installation Cable Zable Installation 250 Zable Color gray Type of Certificate CURSUS Type of Certificate CU	Mechanical data Mounting data	
Departating temperature min. -25 °C	Mounting method	inserted, screwed, Shaking protection
Departing temperature max. 85 °C depending on cable quality depending on cable quality depending on cable quality depending on cable quality depending and cable quality depending and cable quality depending and cable quality depending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-114 (MB) Department of the protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endangered by excessive bending forces. Protection class can be endang	Environmental characteristics Climatic	
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Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Material wire insulation	PP
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Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) Diameter of single wires O,1 mm Conductor crosssection (wire) O,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Shore hardness wire insulation	74 ± 3 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Conductor crosssection (wire)	0,25 mm²
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Conductor type (wire)	strand class 6
Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 79 Ω/km @ 20 °C	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	4,5 A
AC withstand voltage (wire - wire) 2,5 kV @ 60 s	Electrical resistance line constant wire	79 Ω/km @ 20 °C
	AC withstand voltage (wire - wire)	2,5 kV @ 60 s

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: 2024-05-03



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
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min