

M8 female 0° A-cod. with cable

PUR 3x0.25 gy UL/CSA 5m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M8, 3-pole

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

with cable sleeves

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.

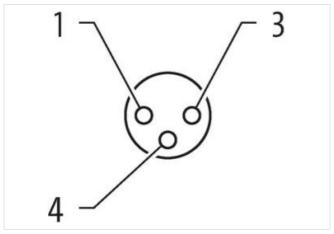
Further cable lengths on request.

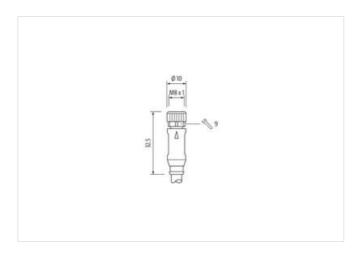
Link to Product

Illustration









Product may differ from Image













stay connected

Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
	20
Stripping length (jacket)	20 mm
Coating contact	gold plated
Family construction form	free cable end
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	4048879231282
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M8 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	<u> </u>
Mechanical data Material data	
	Niekolod
Coating locking Coating of fitting	Nickeled
Coating of fitting	nickel plated



stay connected

Adapting material Zinc discreasting discrete and according material zone connection Zinc discreasting Mechanical data flux flowring method inserted, screwed. Shaking protection Environmental characteristics Climatic Diporating temperature min.		
Mechanical data Mounting data Mechanical data Mounting data Mounting method Insertial, servined, Shaking protection Environmental characteristics Climatic Sperating imprenature min.	Material gasket	FKM
Mounting method inserted, surewed, Shaking protection Environmental characteristics [Climatic Environmental characteristics [Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental temporature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mochanical loads, e.g., by the usage of cable lies. Alternation: Chearve the permissible beading radii when laying cables, as the IP protection dias can be endangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-104 (M8) Installation Cable Bable Itype 2 Backet Color Gray Gray Great Certificatie U.P. Bitrarding Swies avised Brown, Black, Blue Sp. 2 Brown arrangement Sp. 3 Brown arrangement S	Locking material	Zinc die-casting
Service Serv	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Departing temperature min. 25 °C Departing temperature max. 85 °C Modificational condition temperature range depending on cable quality Important installation notes Who on strain rote! Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable loss. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 81076-2-104 (M8) Installation Cable Sable Stype 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Mechanical data Mounting data	
Denating temperature min. 25 °C Denating temperature max. 85 °C Denating temperature max. 95 °C Denating reduction temperature range depending on cable quality Denating radius and the protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Aftention: 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 61076-2-104 (M8) DIN EN 61076-2-104 (M8) Installation Cable Death of the protection	Mounting method	inserted, screwed, Shaking protection
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Departury temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Important installation notes		
Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	· · · ·	
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Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces. Contormity Product standard DIN EN 61076-2-104 (M8) Installation Cable Sable Identification 220 Sable	•	Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable ties
endangered by excessive bending forces.		
Installation Cable	Note on bending radius	endangered by excessive bending forces.
Installation Cable Cable identification 220 Zable Type 2 Cast Seaked Color gray Type of Certificate cURus Wind stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Zable weight 26,62 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Valuer-diameter (jacket) 4,3 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PVC Valuer diameter insulation 1,25 mm Duter diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % Material properties wire insulation ± 3 ± 5 Shore D Material properties wire insulation ± 3 ± 5 Shore D Joineter of single wire 3 Object of single wire 3 Object of treesess wire insulation 43 ± 5 Shore D	Conformity	
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Conductor type (wire) strand class 6 Fraversing distance (C-track) 5 m @ 25 °C horizontal 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 \(\Omega / \text{km} \) @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C	Conductor crosssection (wire)	0,25 mm ²
Traversing distance (C-track) 5 m @ 25 °C horizontal 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) Alin. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C	Material conductor wire	Stranded copper wire, bare
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 \(\Omega / \text{kW} \text{ @ 60 s} \) AC withstand voltage (wire - wire) 2 kV \(\Omega 60 \text{ s} \) Power frequency withstand voltage (wire - acket) Win. operating temperature (static) 300 V 100 VDE 0298-4 100 VDE 0	Conductor type (wire)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 \(\Omega/km \) @ 20 °C AC withstand voltage (wire - wire) 2 kV \(\Omega \) 60 s Power frequency withstand voltage (wire - acket) Win. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C	Traversing distance (C-track)	5 m @ 25 °C horizontal
Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 2 kV @ 60 s Win. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C	Current load capacity min. wire	4,5 A
Power frequency withstand voltage (wire - acket) 2 kV @ 60 s Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C	Electrical resistance line constant wire	79 Ω/km @ 20 °C
Acket) 2 KV @ 60 S Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
	Min. operating temperature (static)	-30 °C
Operating temperature min. (dynamic) -5 °C	Max. operating temperature (fixed)	80 °C
	Operating temperature min. (dynamic)	-5 °C



Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C