

M8 female 0° A-cod. with cable

PUR 3x0.25 bk UL/CSA 30m

⚠ 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

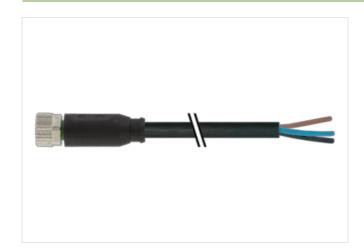
Plastic housings with good resistance against chemicals and oils.

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

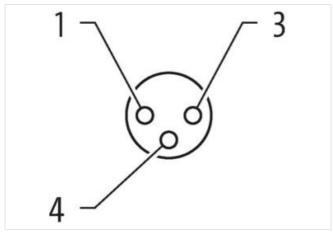
Further cable lengths on request.

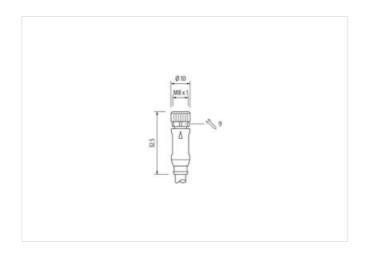
Link to Product

Illustration









Product may differ from Image













stay connected

Cable length	30 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	
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	4048879230636
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)	130 140
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated



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Locking material Zino dis-casting Material screw connection Zino dis-casting Material screw connection Zino dis-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature min. 455 °C Additional condition temperature range depending on cable quality Important installation notes Note on brain relet Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note 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 Product standard DIN En 61076-2-104 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 620 Cable Type 2 Jacket Color Dlack Type of Certificate cUPsus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26.82 gm Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket Feed free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Shore Dameter of singulation 1.25 mm Outer diameter ficheath wire insulation 1.25 mm Outer diameter ficheath 1.25 mm Outer diameter foliaration or insulation 1.25 mm Outer diameter foliaratio	Material gasket	FKM
Material screw connection Zinc die casting Mechanical dats Mounting method insented, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality moderation installation notes Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note 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 Product standard DIN EN 61076-2:104 (M8) Installation Cable Wire arrangement Brown, black, blue Cable institution of Eable (Color) Black Culfus Type of Certificate culfus Culfus Amount stranding 1 Standing 3 wires twisted Vire arrangement brown, black, blue Discovered the connectors of the color of	-	
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Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic		Zinc die-casting
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Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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 Attention: Observes the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Froduct standard DIN EN 61076-2-104 (M8) Installation Cable Image: Cable dependency of the protection of the protection class can be endangered by excessive bending forces. Cable temperature min. brown, black, blue Cable temperature min. 620 Cable temperature min. 620 Cable temperature min. 620 Cable temperature min. 620 Cable Type 2 Jacket Color black Type of Certificate cURus Amount straining 1 Straining 3 wires twisted wire arrangement brown, black, blue Cable weight 26,62 g/m	Mounting method	inserted, screwed, Shaking protection
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. 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 61076-2-104 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 620 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26.82 g/m Material jacket PUR Shore hardness jacket PUR Shore dameter (jacket) 4,3 mm Tolerance outer diameter (jacket) 4,3 mm Tolerance outer diameter (jacket) 43.5 shore 0 Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter fresses wire insulation 1,25 mm Outer diameter fresses wire insulation 1,25 mm Outer diameter sess wire insulation 1,25 mm Outer diameter fresses wire insulation 1,25 mm Outer diameter of single wire 1,25 mm Outer diameter of single wire 1,25 mm Outer diameter of single wire 1,25 mm Outer diameter of singl	Environmental characteristics Climatic	
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Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note 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 Product standard DIN EN 61076-2-104 (M8) Installation Cable Wire arrangement Brown, black, blue Cable Identification 620 Cable Type 2 Jacket Color black Type of Certificate cURBus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable 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 Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter trolarance core insulation 1,25 mm Outer diameter (solarance core i	Operating temperature max.	85 °C
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Conductor type (wire) strand class 6	<u> </u>	0,25 mm ²
71 · · · /	Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max. 300 V	Conductor type (wire)	strand class 6
and the second of the second o	Nominal voltage AC max.	300 V
Current load capacity (standard) to DIN VDE 0298-4	Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire 4,5 A	Current load capacity min. wire	4,5 A
Electrical resistance line constant wire 79 Ω/km @ 20 °C	Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire) 2 kV @ 60 s	AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s		2 kV @ 60 s
Min. operating temperature (static) -30 °C	Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed) 80 °C	Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic) -5 °C	Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic) 80 °C	Operating temperature max. (dynamic)	80 °C



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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C