

M8 female 0° A-cod. with cable

PUR 4x0.25 bk UL/CSA+robot+drag ch. 5m

Female straight

Zinc die casting, save-cover coated

M8, 4-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.

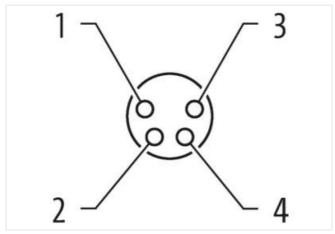
Further cable lengths on request.

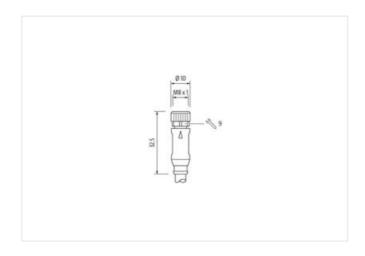
Link to Product

Illustration









Product may differ from Image











Cable length

5 m

Side 1



stay connected

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
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
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	
	27270219
ECLASS-6.0 ECLASS-7.0	27279218 27279218
ECLASS-7.0 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	4048879229111
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)	ı İ
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	



Mounting method inserted, screwed, Shaking protection

Environmental characteristics Climatic	
Operating temperature min25 °C	
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 handing radii when laving cables as the IR protection class	
Note on bending radius endangered by excessive bending forces.	
Conformity	
Product standard DIN EN 61076-2-104 (M8)	
Installation Cable	
Cable identification 651	
Cable Type 5	
Jacket Color black	
Type of Certificate cURus	
Amount stranding 1	
Stranding 4 wires twisted	
wire arrangement brown, black, blue, white	
Cable weigth 31,9 g/m	
Material jacket PUR	
Shore hardness jacket 58 ± 3 Shore D	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket) 4,7 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PP	
Amount wires 4	
Outer diameter insulation 1,25 mm	
Outer diameter tolerance core insulation ± 5 %	
Shore hardness wire insulation 74 ± 3 Shore D	
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 mm ²	
Material conductor wire Stranded copper wire, bare	
Conductor type (wire) strand class 6	
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 3,6 A	
Electrical resistance line constant wire 79 Ω/km @ 20 °C	
Power frequency withstand voltage (wire - 2,5 kV @ 60 s jacket)	
Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C	
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation	
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	
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation	
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) OPERATING TO SERVICE OF THE STATE OF THE	
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature	
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing	
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature	



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