

M8 female 90° A-cod. with cable

PUR 4x0.25 ye UL/CSA+robot+drag ch. 3m

Female 90°

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.

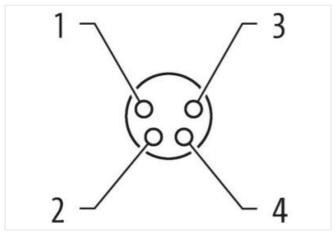
Further cable lengths on request.

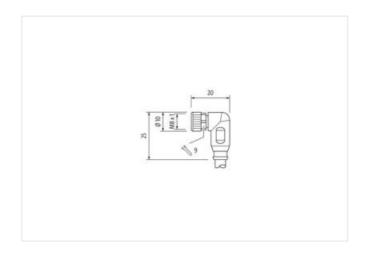
Link to Product

Illustration









Product may differ from Image











Cable length

3 m

Side 1



stay	connect	ed

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	angled
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
	II GO GUARGO GINA
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	4048879227933
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	MO A 1
	inserted serowed
Additional condition protection degree	inserted, screwed
Pollution Dograd	
Pollution Degree	3 15 kV
Rated surge voltage	1,5 kV
Rated surge voltage Material group (IEC 60664-1)	
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	1,5 kV
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	1,5 kV
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting	1,5 kV I safe-cover coated nickel plated
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	1,5 kV

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: 2024-05-20



stay connected

Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	depending on easie quality
•	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
Cable identification	051
Cable Type	5
acket Color	yellow
ype of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
rire arrangement	brown, black, blue, white
Cable weigth	31,9 g/m
Material jacket	PUR
hore hardness jacket	58 ± 3 Shore D
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,7 mm
olerance outer diameter (sheath)	±5%
, ,	PP
laterial wire insulation	4
mount wires	
Outer diameter insulation	1,25 mm
outer diameter tolerance core insulation hore hardness wire insulation	±5%
	74 ± 3 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	32
Diameter of single wires	0,1 mm
conductor crosssection (wire)	0,25 mm ²
laterial conductor wire	Stranded copper wire, bare
conductor type (wire)	strand class 6
raversing distance (C-track)	5 m @ 25 °C horizontal
ominal voltage AC max.	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	3,6 A
lectrical resistance line constant wire	79 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
ower frequency withstand voltage (wire - cket)	2,5 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
)il resistance	Good, application-related testing DIN EN 60811-404
ii rodidianos	acod, approation related testing Dira Eta coot 1:404



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