

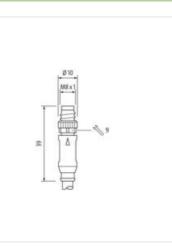
M8 male 0° / M12 female 0° A-cod.

PUR 4x0.25 bk UL/CSA+drag ch. 1.5m

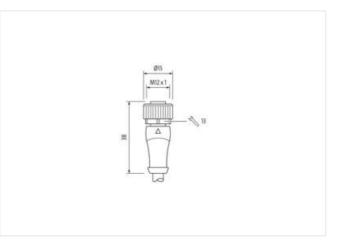
Male straight – female straight M8 – M12, 4-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



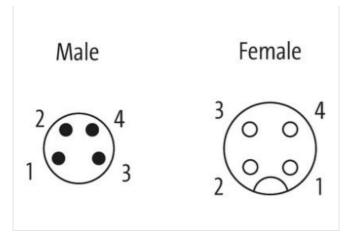


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Product may differ from Image



Coating contactgold pFamily construction formM8ThreadM8 xsuitable for corrugated tube (internal Ø)6,5 mCodingA	Im ted, screwed plated 1
Tightening torque0,4 NrMounting methodinserterCoating contactgold pFamily construction formM8ThreadM8 xsuitable for corrugated tube (internal Ø)6,5 mrCodingAMaterial contactCopped	ted, screwed plated 1 im
Mounting method inserter Coating contact gold p Family construction form M8 Thread M8 x suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copped	ted, screwed plated 1 im
Coating contactgold pFamily construction formM8ThreadM8 xsuitable for corrugated tube (internal Ø)6,5 mCodingAMaterial contactCoppedia	plated 1 im
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suitable for corrugated tube (internal Ø)6,5 millionCodingAMaterial contactCoppediate	im
Coding A Material contact Copped	
Material contact Coppe	er alloy
	er alloy
No. of poles 4	
Width across flats SW9	
Side 2	
Tightening torque 0,6 Nr	m
Mounting method inserte	ted, screwed
Coating contact gold p	plated
Family construction form M12	
Thread M12 x	x 1
suitable for corrugated tube (internal Ø) 10 mm	m
Coding A	
Material contact Coppe	er alloy
No. of poles 4	
Width across flats SW13	3
Commercial data	
ECLASS-6.0 27279	9218
ECLASS-6.1 27279	9218
ECLASS-7.0 27279	9218
ECLASS-8.0 27279	9218
ECLASS-9.0 27060	0311
ECLASS-10.1 27060	0311
ECLASS-11.1 27060	0311
ECLASS-12.0 27060	0311

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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879375870
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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
	•
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
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	
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: 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 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	631
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	33 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
	4,5 mm
	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	
Amount wires	± 5 % PP

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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 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
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
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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