

## M12 male 0° / M8 female 0° A-cod.

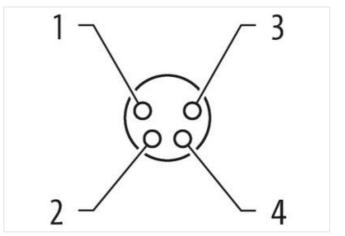
PUR 4x0.25 gy UL/CSA+drag ch. 4m

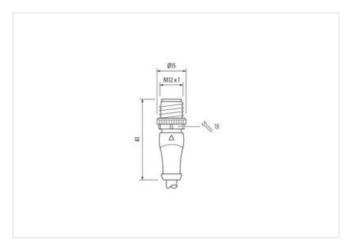
Male straight – female straight M12 – M8, 4-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details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

## Link to Product





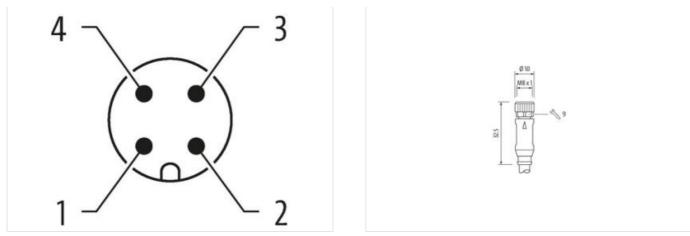






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Product may differ from Image



Side 1Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2
Mounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67
Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67
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CodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67
Material contact     Copper alloy       Material     PUR       No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67
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Degree of protection (EN IEC 60529) IP65, IP66K, IP67
Side 2
Tightening torque 0,4 Nm
Mounting method inserted, screwed
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
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

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ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879162159
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	30 V 4 A
	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
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
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 min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
	לא בוא סוסיסיביוטר (אודב), טוא בוא סוסיסיביווא (אוס)
Installation   Cable	
Cable identification	231
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	33 g/m PUR
Material jacket Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	4,5 mm ± 5 %
Material wire insulation	± 5 % PP
Amount wires	4
Outer diameter insulation	4 1.25 mm
Outer diameter insulation	±5%

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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 <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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