

M12 male 0° / M8 female 0° A-cod.

PUR 4x0.25 gy UL/CSA+drag ch. 15m

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.

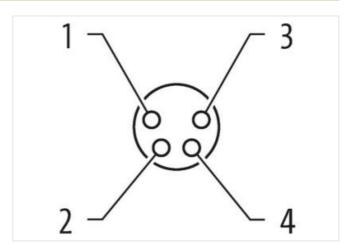
The resistance to aggressive media should be individually tested for your application. Further details on request.

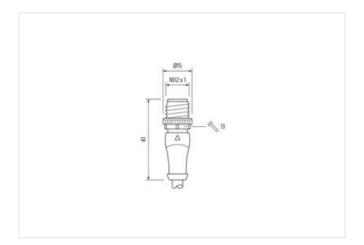
Further cable lengths on request.

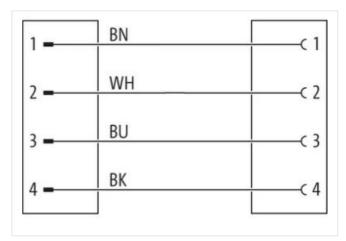
Link to Product

Illustration



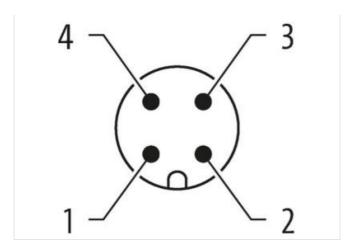


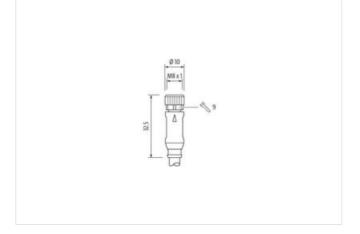






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Product may differ from Image











Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Gender male Cable outlet straight Coding A Material contact Copper alloy Material contact Copper alloy Material contact SW13 Degree of protection (EN IEC 60529) IPS, IP66K, IP67 Side 2 SW13 Degree of protection (EN IEC 60529) IPS, IP66K, IP67 Side 2 SW13 Tightening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight Coding A Material contact Copper alloy Material contact Copper alloy Material contact (EN IEC 60529) IPS, IP66K, IP67 Width across	Cable length	15 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Gender male Cable outlet straight Coding A Material contact Copper alloy Material contact Copper alloy Material contact SW13 Degree of protection (EN IEC 60529) IPS, IP66K, IP67 Side 2 SW13 Degree of protection (EN IEC 60529) IPS, IP66K, IP67 Side 2 SW13 Tightening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight Coding A Material contact Copper alloy Material contact Copper alloy Material contact (EN IEC 60529) IPS, IP66K, IP67 Width across	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Gender male Cable outlet straight Coding A Material contact Copper alloy Material proses PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) 1P65, IP66K, IP67 Side 2 ************************************	Tightening torque	0,6 Nm
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Gender male Cable outlet straight Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 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 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 10 mm Gender male Cable outlet straight Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight Coding A Material contact Copper alloy 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 Z7279218 ECLASS-6.0 27279218	Family construction form	M12
Gender male Cable outlet straight Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight Coding A Material contact Copper alloy Material contact Copper alloy Material const flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218	Thread	M12 x 1
Cable outlet straight Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 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 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	suitable for corrugated tube (internal Ø)	10 mm
Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 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 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Gender	male
Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 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 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Cable outlet	straight
Material PUR No. of poles 4 Width across flats SW13 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 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Coding	A
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Side 2Tightening torque0,4 NmMounting methodinserted, screwedFamily construction formM8ThreadM8 x 1Genderfemalesuitable for corrugated tube (internal Ø)6,5 mmCable outletstraightCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218	Width across flats	SW13
Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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 ECLASS-6.1 27279218	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Side 2	
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Thread M8 x 1 Gender female suitable for corrugated tube (internal ∅) 6,5 mm Cable outlet straight 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-6.1 27279218	Mounting method	inserted, screwed
Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Family construction form	M8
suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight 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-6.1 27279218	Thread	M8 x 1
Cable outlet straight 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 ECLASS-6.1 27279218	Gender	female
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-6.1 27279218	suitable for corrugated tube (internal Ø)	6,5 mm
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-6.1 27279218	Cable outlet	straight
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-6.1 27279218	Coding	A
No. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218	Material contact	Copper alloy
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218	Material	PUR
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Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218	Width across flats	
ECLASS-6.0 27279218 ECLASS-6.1 27279218	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1 27279218	Commercial data	
	ECLASS-6.0	27279218
ECLASS-7.0 27279218	ECLASS-6.1	27279218
	ECLASS-7.0	27279218

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: 2024-06-21



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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	4065909057674
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
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1,0 KV
	'
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	C C
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<u> </u>	asponding on such 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 61076-2-104 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
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
~	
Cable weigth	33 g/m



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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)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
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
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 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