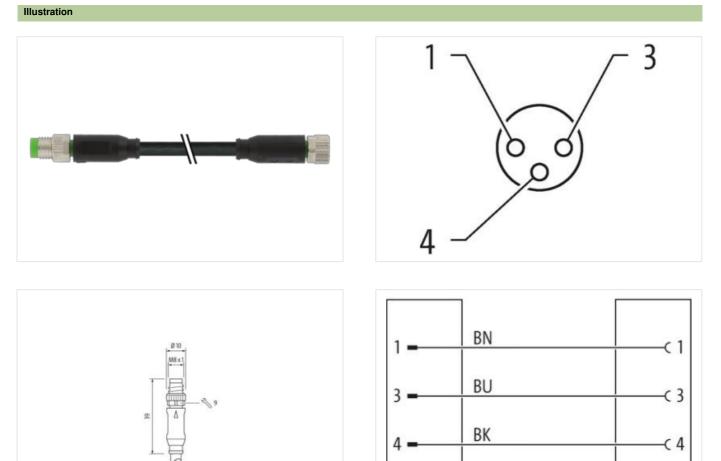


M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 1m

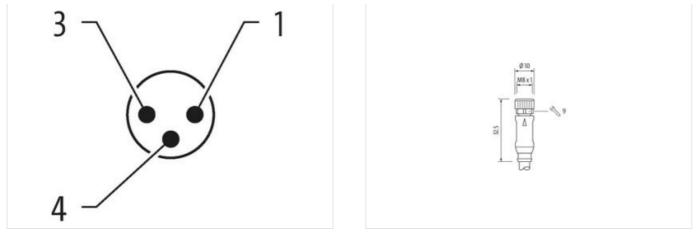
Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



Cable length	1 m
Side 1	
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 \emptyset)	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
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	4048879130912
Packaging unit	1
Electrical data Supply	

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Operating voltage DC max. 6 Operating voltage AC (UL-listed) 3 Operating voltage DC (UL-listed) 3 Current operating per contact max. 4 Diagnostics 3 Status indication LED m Degree of protection Electrical 5 Degree of protection (EN IEC 60529) III Additional condition protection degree 3 Rated surge voltage 1 Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking	50 V 60 V 30 V 30 V 4 A no IP65, IP67, IP68, IP66K inserted, screwed 3 1,5 kV
Operating voltage AC (UL-listed) 3 Operating voltage DC (UL-listed) 3 Current operating per contact max. 4 Diagnostics 3 Status indication LED m Device protection Electrical 3 Degree of protection (EN IEC 60529) III Additional condition protection degree 3 Rated surge voltage 1 Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking	30 V 30 V 4 A no IP65, IP67, IP68, IP66K inserted, screwed 3
Operating voltage DC (UL-listed) 3 Current operating per contact max. 4 Diagnostics 5 Status indication LED m Device protection Electrical 1 Degree of protection (EN IEC 60529) III Additional condition protection degree in Pollution Degree 3 Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data Coating locking	30 V 4 A no IP65, IP67, IP68, IP66K inserted, screwed 3
Current operating per contact max. 4 Diagnostics 5 Status indication LED m Device protection Electrical 7 Degree of protection (EN IEC 60529) III Additional condition protection degree 3 Rated surge voltage 1 Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking	4 A no IP65, IP67, IP68, IP66K inserted, screwed 3
Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree in Pollution Degree 3 Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data Coating locking	no IP65, IP67, IP68, IP66K inserted, screwed 3
Status indication LED m Device protection Electrical m Degree of protection (EN IEC 60529) III Additional condition protection degree in Pollution Degree 3 Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data Coating locking	IP65, IP67, IP68, IP66K inserted, screwed 3
Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree in Pollution Degree Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data Coating locking	IP65, IP67, IP68, IP66K inserted, screwed 3
Degree of protection (EN IEC 60529) II Additional condition protection degree in Pollution Degree 3 Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data Coating locking	inserted, screwed 3
Additional condition protection degree in Pollution Degree 3 Rated surge voltage 1 Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking	inserted, screwed 3
Pollution Degree 3 Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data Coating locking	3
Rated surge voltage 1 Material group (IEC 60664-1) I Mechanical data Material data I Coating locking N	7
Material group (IEC 60664-1) I Mechanical data Material data Coating locking N	1,5 kV
Mechanical data Material data Coating locking	
Coating locking	
0 0	
	Nickeled
Material gasket F	FKM
	PUR
	Zinc die-casting
Mechanical data Mounting data	
· · · ·	inserted, screwed, Shaking protection
Environmental characteristics Climatic	······································
	-25 °C
	25°C
	depending on cable quality
Important installation notes	
	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard D	DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification 6	630
Cable Type 3	3
	black
Type of Certificate c	cURus
Amount stranding 1	1
Stranding 3	3 wires twisted
wire arrangement b	brown, black, blue
Traversing distance (C-track) 1	10 m @ 25 °C horizontal
Cable weigth 2	26,4 g/m
Material jacket F	PUR
Shore hardness jacket 9	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 4	4,1 mm
Tolerance outer diameter (sheath) ±	± 5 %
Material wire insulation F	PP
Amount wires 3	3
Outer diameter insulation 1	1,25 mm
	±5%
	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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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	4,5 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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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