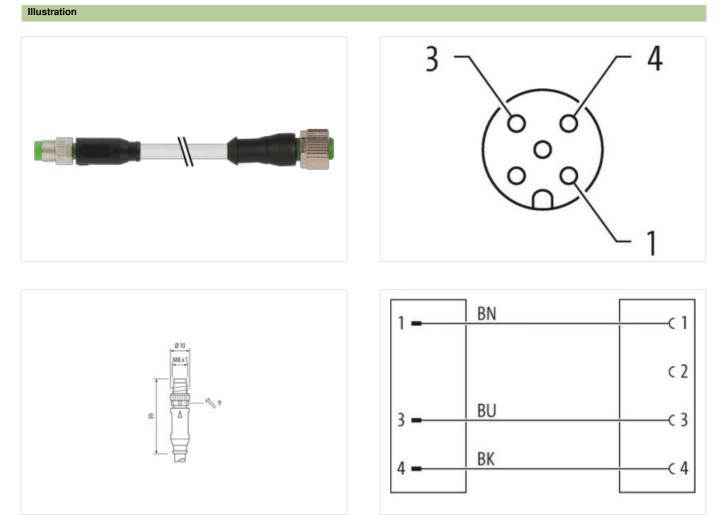


## M8 male 0° / M12 female 0° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 1.35m

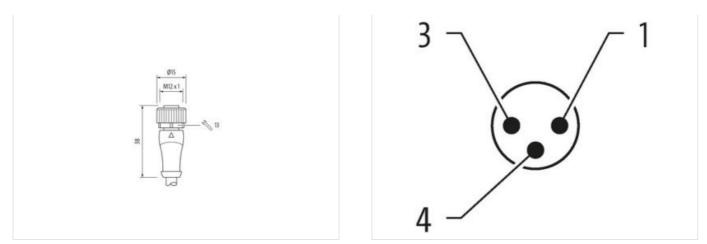
Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

## Link to Product



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Product may differ from Image



Cable length	1,35 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 Ø)	6,5 mm
Coding	Α
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
customs tariff number	85444290
GTIN	4048879853828
Packaging unit	1
Electrical data   Supply	

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Operating voltage AC max.	50 V
	60 V
Operating voltage DC max. 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)	I
Mechanical data   Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data   Mounting data	-
	incerted exercised Chalking exclassion
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)
Installation   Cable	
Cable identification	230
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	
Outer diameter insulation	3
	3 1.25 mm
	1,25 mm
Outer diameter tolerance core insulation Shore hardness wire insulation	
Outer diameter tolerance core insulation Shore hardness wire insulation	1,25 mm ± 5 % 70 ± 5 Shore D
Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	1,25 mm ± 5 %
Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires	1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm
Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm²
Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire	1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm
Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire         Conductor type (wire)	1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm²         Stranded copper wire, bare         strand class 6
Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire	1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm²         Stranded copper wire, bare

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Current load capacity min. wire	4,5 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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