

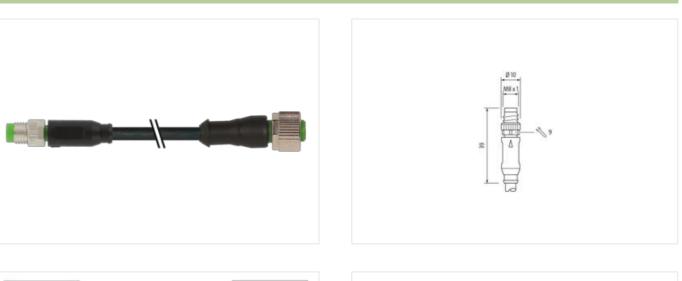
## M8 male 0° / M12 female 0° A-cod.

PUR 4x0.25 bk UL/CSA+drag ch. 0.6m

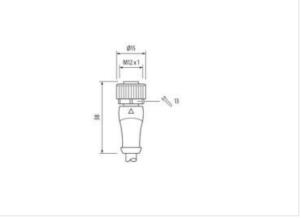
Male straight – female straight M8 – M12, 4-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your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

## Link to Product

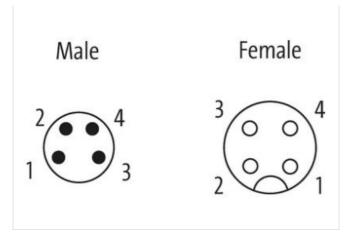




BN	c1
WH	< 2
BU	
ВК	C 4
	BU







Product may differ from Image



Cable length	0,6 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	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Fightening 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	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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

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ETIM-5.0	EC001855
customs tariff number	8544290
GTIN	4048879324014
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	
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
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

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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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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
Min. operating temperature (static) Max. operating temperature (fixed)	-40 °C 80 °C / 90 °C @ 10000 h Operation
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Max. operating temperature (fixed) Operating temperature min. (dynamic)	80 °C / 90 °C @ 10000 h Operation -25 °C
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance	80 °C / 90 °C @ 10000 h Operation   -25 °C 80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance	80 °C / 90 °C @ 10000 h Operation   -25 °C 80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance	80 °C / 90 °C @ 10000 h Operation   -25 °C 80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A   UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   Good, application-related testing
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance   Gasoline resistance	80 °C / 90 °C @ 10000 h Operation   -25 °C   80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A   UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   Good, application-related testing   Good, application-related testing
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance   Gasoline resistance   Oil resistance	80 °C / 90 °C @ 10000 h Operation   -25 °C   80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A   UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   Good, application-related testing   Good, application-related testing   Good, application-related testing   Good, application-related testing
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance   Gasoline resistance   Oil resistance   Bending radius (fixed)	80 °C / 90 °C @ 10000 h Operation   -25 °C   80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A   UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   Good, application-related testing   Good, application-related testing   Good, application-related testing   DIN EN 60811-404   5 x Outer diameter
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance   Gasoline resistance   Oil resistance   Bending radius (fixed)   Bending radius (dynamic)	80 °C / 90 °C @ 10000 h Operation   -25 °C   80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A   UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   Good, application-related testing   Good, application-related testing   Good, application-related testing   DIN EN 60811-404   5 x Outer diameter   10 x Outer diameter
Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance   Gasoline resistance   Oil resistance   Bending radius (fixed)   Bending radius (dynamic)   Travel speed (C-track)	80 °C / 90 °C @ 10000 h Operation   -25 °C   80 °C / 90 °C @ 10000 h Operation   DIN EN ISO 4892-2 A   UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   Good, application-related testing   Good, application-related testing   Good, application-related testing   DIN EN 60811-404   5 x Outer diameter   10 x Outer diameter   10 Mio. @ 25 °C

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