

M8 male 0° / M12 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 0.8m

Male straight - female straight

M8 - M12, 3-pole

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

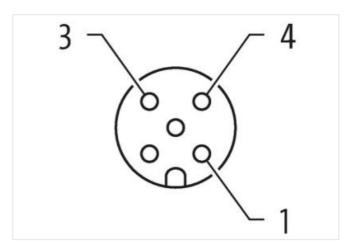
Plastic housings with good resistance against chemicals and oils.

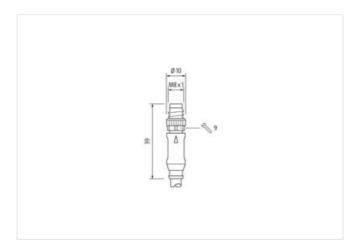
The resistance to aggressive media should be individually tested for your application. Further details on request.

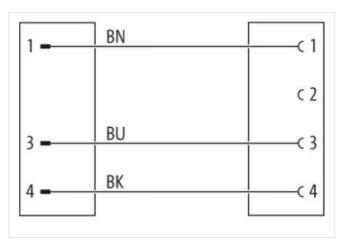
Link to Product

Illustration



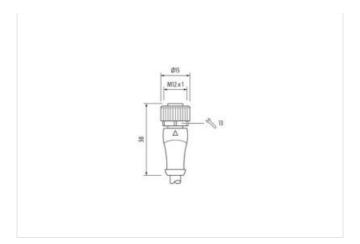


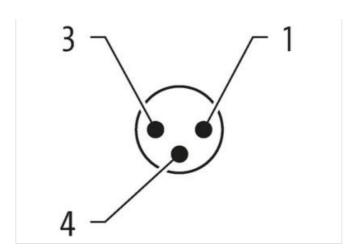






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Product may differ from Image











Cable length	0,8 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
Coding	A
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 \emptyset)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
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	85444290
GTIN	4048879527767
Packaging unit	1
Electrical data Supply	
	50 V
Operating voltage AC max.	
Operating voltage DC max.	60 V 30 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	
Current operating per contact max.	30 V
	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	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Operating temperature max. Additional condition temperature range	85 °C depending on cable quality
Additional condition temperature range	
Additional condition temperature range Conformity Product standard	depending on cable quality
Additional condition temperature range Conformity Product standard Installation Cable	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Additional condition temperature range Conformity Product standard Installation Cable Cable identification	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3 black
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3 black cURus
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3 black cURus 1 3 wires twisted
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3 black cURus 1 3 wires twisted brown, black, blue
Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 630 3 black cURus 1 3 wires twisted
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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: 2024-05-02



Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	10 Mio. @ 25 °C
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m