

## M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 bk UL/CSA 6m

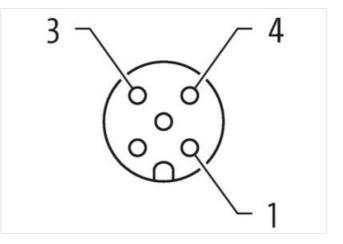
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

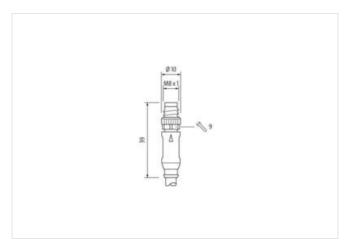
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

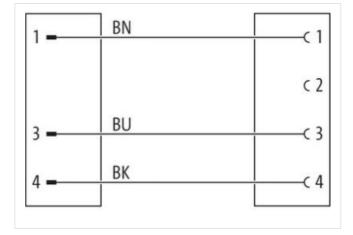
## Link to Product

Illustration

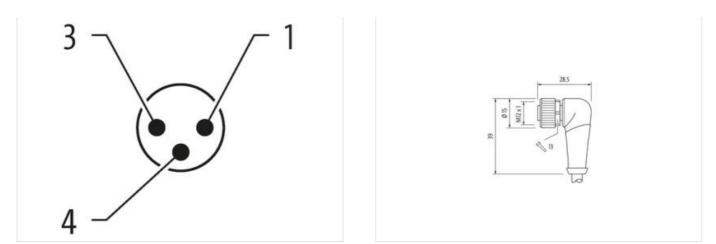












Product may differ from Image



Cable length	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	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	4048879408189
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	
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)	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
Additional condition temperature range Conformity	depending on cable quality
	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Conformity	
Conformity Product standard	
Conformity Product standard Installation   Cable	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black
Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2
Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1
Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted
Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue
Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm         ± 5 %
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm         ± 5 %         PVC
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm         ± 5 %         PVC         3
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm         ± 5 %         PVC         3         1,25 mm
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26.62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %
Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         620         2         black         cURus         1         3 wires twisted         brown, black, blue         26,62 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,3 mm         ± 5 %         PVC         3         1,25 mm

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	30 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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