

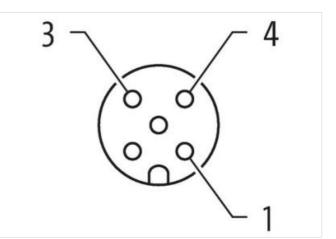
M8 male 0° / M12 female 0° A-cod.

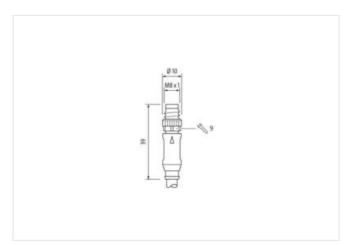
PUR 3x0.25 gy UL/CSA 12.5m

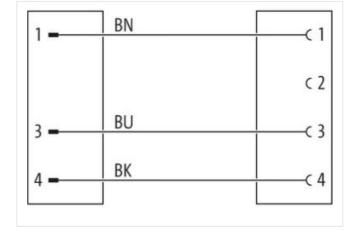
Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

Link to Product



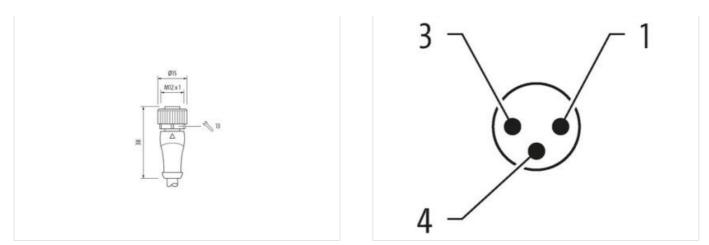






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-30





Product may differ from Image



Cable length	12,5 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	27061801
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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Outer-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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) 220 2 gray cURus 1 3 wires twisted brown, black, blue 26,62 g/m
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Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 220 gray cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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 %
Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray cURus 1 3 wires twisted brown, black, blue 26,2 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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Amount strands (wire) 32	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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 % 43 ± 5 Shore D
	Additional condition temperature range Conformity Product standard Installation Cable Cable identification 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 Shore hardness wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray 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 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free

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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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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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