

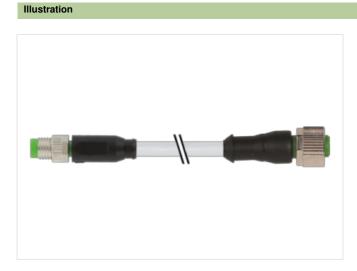
## M8 male 0° / M12 female 0° A-cod.

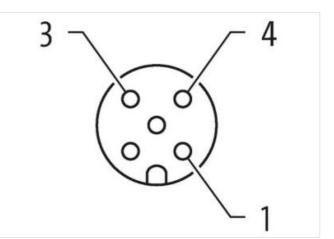
PUR 3x0.25 gy UL/CSA 2.5m

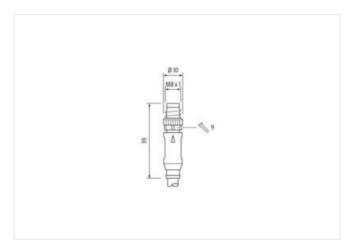
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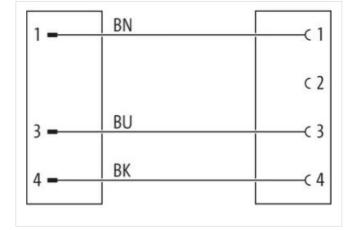
Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

## Link to Product



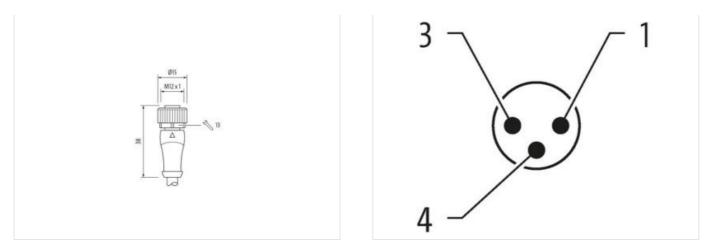






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Product may differ from Image



Cable length	2,5 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 Ø)	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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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879817905
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	
	05.00
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Operating temperature max.	85 °C
Operating temperature max. Additional condition temperature range	85 °C
Operating temperature max. Additional condition temperature range Conformity	85 °C depending on cable quality
Operating temperature max. Additional condition temperature range Conformity Product standard	85 °C depending on cable quality
Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220
Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type	85 °C   depending on cable quality   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   220   2
Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color	85 °C   depending on cable quality   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   220   21   gray
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate	85 °C   depending on cable quality   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   220   2   gray   cURus
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding	85 °C   depending on cable quality   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   220   2   gray   cURus   1
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding   Stranding	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray cURus 1 3 wires twisted
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding   Stranding   wire arrangement	85 °C 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
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding   Stranding   wire arrangement   No. of bending cycles (C-track)	85 °C   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   2 Mio. @ 25 °C
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding   Stranding   wire arrangement   No. of bending cycles (C-track)   Cable weigth	85 °C   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   2 Mio. @ 25 °C   26,62 g/m
Operating temperature max.   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   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)	85 °C   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   2 Mio. @ 25 °C   26,62 g/m   PUR
Operating temperature max.   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   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)	85 °C   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   2 Alio. @ 25 °C   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm
Operating temperature max.   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   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)	85 °C   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   2 Mio. @ 25 °C   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %
Operating temperature max.   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   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation	85 °C   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   2 Mio. @ 25 °C   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC
Operating temperature max.   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   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires	85 °C   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   2 Mio. @ 25 °C   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC   3
Operating temperature max.   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   No. of bending cycles (C-track)   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	85 °C   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   2 Mio. @ 25 °C   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
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding   Stranding   wire arrangement   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Material wire insulation   Amount wires   Outer diameter insulation   Outer diameter tolerance core insulation	85 °C   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   2 Mio. @ 25 °C   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 %
Operating temperature max.   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   No. of bending cycles (C-track)   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	85 °C   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   2 Mio. @ 25 °C   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
Operating temperature max.   Additional condition temperature range   Conformity   Product standard   Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate   Amount stranding   Stranding   wire arrangement   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Material wire insulation   Amount wires   Outer diameter insulation   Outer diameter tolerance core insulation	85 °C   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   2 Mio. @ 25 °C   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 %

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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
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)	08 °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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