

M12 male 0° / M8 female 0° A-cod.

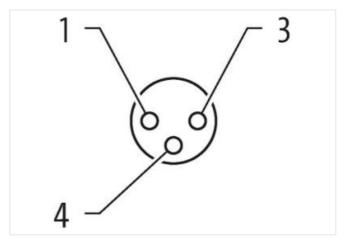
PVC 3x0.25 gy UL/CSA 0.6m

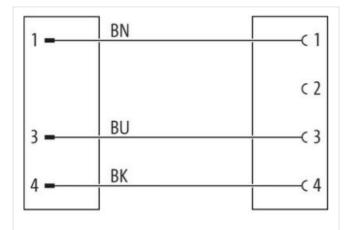
Male straight – female straight M12 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested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

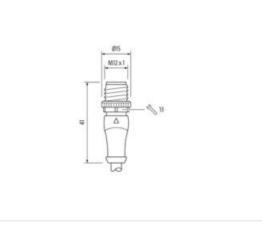
Link to Product

Illustration



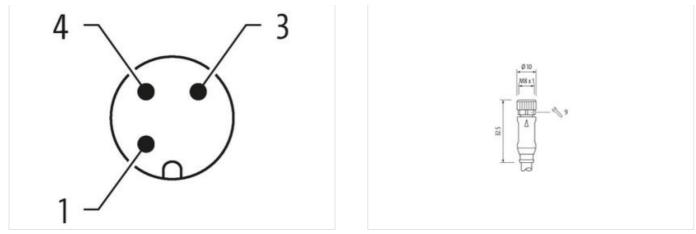






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Product may differ from Image



Side 1 Fightening torque 0.6 Nm Mounting method inserted, screwed Samily construction form M12 Thread M12 x 1 uitable for corrugated tube (internal Ø) 10 mm Coding A Adaterial PUR With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Stde 2 IP65, IP66K, IP67 Tightening torque 0.4 Nm Mounting method inserted, screwed arnity construction form M8 Thread M8 × 1 Coding A Adaterial PUR With across flats SW9 Coding A Adaterial PUR With across flats SW9 Coding A ClaSS-6.0 27279218 CLASS-7.0 27279218 CLASS-7.0 27279218 CLASS-7.0 27060311 CLASS-1.1.0 27060311 CLASS-1.2.0 2		
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A Material PUR Widh across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	Thread	M12 x 1
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Nidth across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 IP66, IP66, IP67 Tightening torque 0,4 Nm Adounting method inserted, screwed armily construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Joding A Aterial PUR Vidt across flats SW9 Commercial data 27279218 EGLASS-6.0 27279218 EGLASS-7.0 27279218 EGLASS-8.0 27279218 EGLASS-10.1 27060311 EGLASS-10.1 27060311 EGLASS-11.1 27060311 EGLASS-12.0 27060311 EGLASS-12.0 27060311 EGLASS-11.1 27060311 EGLASS-11.1 27060311 EGLASS-12.0 27060311 EGLASS-11.1 27060311 EGLASS-11.1 27060311 EGLASS-11.1 27060311 EGLASS-12.0 2706	Coding	A
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Fightening torque 0,4 Nm Mounting method inserted, screwed amily construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Aterial PUR Width across flats SW9 Commercial data 27279218 ECLASS-6.0 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	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 27279218 ECLASS-8.0 27279218 27279218 ECLASS-9.0 27060311 27060311 ECLASS-10.1 27060311 27060311 ECLASS-11.1 27060311 27060311 ECLASS-12.0 27060311 27060311 ETIM-5.0 EC001855 27060311 ETIM-5.0 EC001855 27060311 ETIM-5.0 EC001855 27060311 ETIM-5.0 EC001855 27060311	Coding	A
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ECLASS-6.0 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 ETIM-5.0 EC001855 Exustoms tariff number 85444290 ATIN 4048879163880	Width across flats	SW9
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 Ecustoms tariff number 85444290 GTIN 4048879163880	Commercial data	
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ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 Ecustoms tariff number 85444290 GTIN 4048879163880	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 sustoms tariff number 8544290 GTIN 4048879163880	ECLASS-10.1	27060311
ETIM-5.0 EC001855 sustoms tariff number 85444290 GTIN 4048879163880	ECLASS-11.1	27060311
Sustoms tariff number 85444290 GTIN 4048879163880	ECLASS-12.0	27060311
GTIN 4048879163880	ETIM-5.0	EC001855
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879163880
	Packaging unit	1

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Electrical data | Supply

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	
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
Coating of fitting	nickel plated
Material gasket	FKM
_ocking material	Zinc die-casting
Vaterial screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
· · ·	-25 °C
Dperating temperature min. Dperating temperature max.	-25 °C 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	210
	210 1
Cable Type	1
Cable Type Jacket Color	1 gray
Cable Type Jacket Color Type of Certificate	1
Cable Type lacket Color Type of Certificate Amount stranding	1 gray cURus
Cable Type Jacket Color Type of Certificate Amount stranding Stranding	1 gray cURus 1
Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement	1 gray cURus 1 3 wires twisted
Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth	1 gray cURus 1 3 wires twisted brown, black, blue
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m
Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC
Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket)	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath)	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm
Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 %
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation Shore hardness wire insulation	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 %
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) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Material properties wire insulation	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 % 45 ± 5 Shore D
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 % 45 ± 5 Shore D good machinability

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Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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