

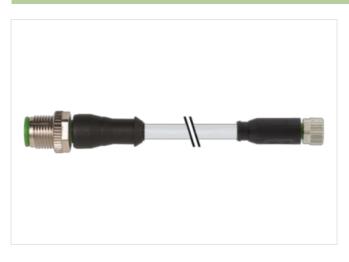
M12 male 0° / M8 female 0° A-cod.

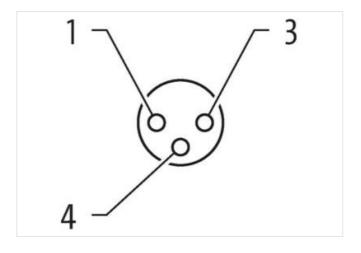
PUR 3x0.25 gy UL/CSA 14m

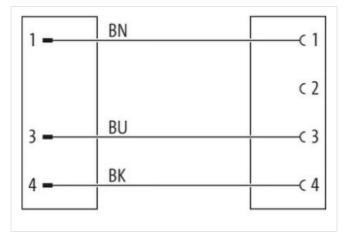
Male straight – female straight M12 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested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

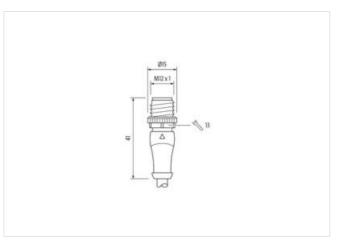
Link to Product

Illustration



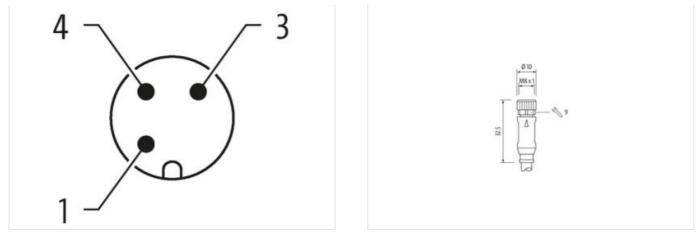






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Product may differ from Image



Cable length 14 m Fide 1 Image: Cable C		
Tightening torque 0.6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 T Toghtening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data SW9 CLASS-6.0 27061801 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27260311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060	Cable length	14 m
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Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Coding A Material PUR Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27061801 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311	Tightening torque	0,6 Nm
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data Z7279218 ECLASS-6.1 Z7279218 ECLASS-6.1 Z7279218 ECLASS-8.0 Z7279218 ECLASS-8.0 Z7279218 ECLASS-8.0 Z7279218 ECLASS-10.1 Z7060311 ECLASS-10.1 Z7060311 ECLASS-11.1 Z7060311 ECLASS-12.0 Z7060311 ECLASS-12.0 Z7060311 ECLASS-12.0 Z70	Mounting method	inserted, screwed
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Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 </td <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP66K, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-12.0 27060311 Customs tariff number 85444290 GTIN 4048879897969	Side 2	
Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-6.1 272601801 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-12.0 27060311 Customs tariff number 85444290 GTIN 4048879897969	Tightening torque	0,4 Nm
Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 Customs tariff number 85444290 GTIN 4048879897969	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS-6.0 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 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 Customs tariff number 85444290 GTIN 4048879897969	Family construction form	M8
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Width across flats SW9 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 ECLASS-7.0 27279218 ECLASS-8.0 ECLASS-9.0 27060311 ECLASS-10.1 ECLASS-10.1 27060311 ECLASS-11.1 ECLASS-12.0 27060311 ECLASS-12.0 GTIN 4048879897969 E04879897969	Coding	A
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ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 customs tariff number 85444290 GTIN 4048879897969	ECLASS-8.0	27279218
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ECLASS-12.0 27060311 customs tariff number 85444290 GTIN 4048879897969	ECLASS-10.1	27060311
customs tariff number 85444290 GTIN 4048879897969	ECLASS-11.1	27060311
GTIN 4048879897969	ECLASS-12.0	27060311
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879897969
	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
Locking material	Zinc die-casting
Material screw connection	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
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	220
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	
	1
Stranding	1 3 wires twisted
Stranding wire arrangement	· · · · · · · · · · · · · · · · · · ·
wire arrangement	3 wires twisted brown, black, blue
	3 wires twisted
wire arrangement Cable weigth	3 wires twisted brown, black, blue 26,62 g/m
wire arrangement Cable weigth Material jacket	3 wires twisted brown, black, blue 26,62 g/m PUR
wire arrangement Cable weigth Material jacket Shore hardness jacket	3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	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
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	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 %
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	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
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	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
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	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
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	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 %
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	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
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 Material properties wire insulation	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
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 Material properties wire insulation Ingredient freeness wire insulation	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
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 insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire)	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 32
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 insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	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 32 0,1 mm
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 insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	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 32 0,1 mm 0,25 mm²

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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)	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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