

M12 male 90° / M8 female 0° A-cod.

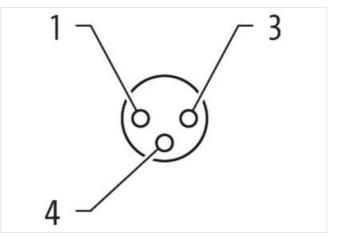
PVC 3x0.25 bk UL/CSA 1.7m

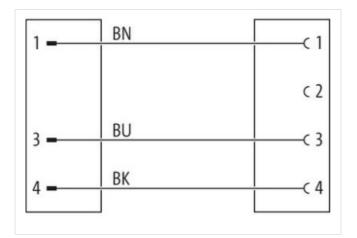
Male 90° – female straight M12 – M8, 3-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

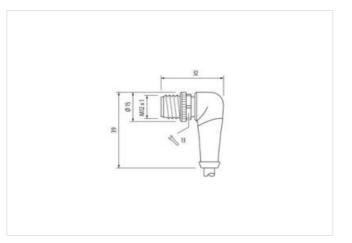
Link to Product

Illustration



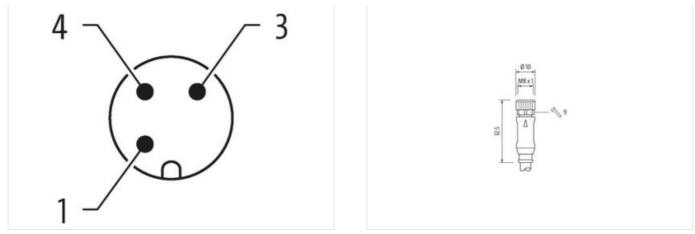






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Product may differ from Image



Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Uniting torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data PUR ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN		
Tiphening torque 0.6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 × 1 Material PUR With across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Uning torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 × 1 Material PUR With across flats SV9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data PUR With across flats SV9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data SU9 ECLASS - 0. 27279218 ECLASS - 7.0 27279218 ECLASS - 7.0 27279218 ECLASS - 10.1 27060311 ECLASS - 10.1 27060311 ECLASS - 10.1 27060311 ECLASS - 10.1 27060311 ECLAS	Cable length	1,7 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data PUR ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27260311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	Side 1	
Family construction form M12 Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Mutining method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data SW9 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-1.1 27060311 ECLASS-1.2.0	Tightening torque	0,6 Nm
Thread M12 x 1 Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2	Mounting method	inserted, screwed
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Press Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC0011855 coustoms tariff number 8544290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 1 Operating voltage AC max.	Family construction form	M12
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Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.1 27060311 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply J Operating voltage AC max. 250 V	Material	PUR
Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECCO01855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 1 Operating voltage AC max. 250 V	Width across flats	SW13
Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 2727060311 ECLASS-8.0.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V	Degree of protection (EN IEC 60529)	IP66K, IP67
Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404879426855 Packaging unit 1 Electrical data Supply Qperating voltage AC max. Operating voltage AC max. 250 V	Side 2	
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Thread M8 x 1 Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data 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 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electracial data [supply 250 V	Mounting method	inserted, screwed
Material PUR Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data 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 ECON1855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	Family construction form	M8
Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data E 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 ECO01855 2001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	Thread	M8 x 1
Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 27279218 ECLASS-8.0 27279218 27260311 ECLASS-9.0 27060311 27060311 ECLASS-10.1 27060311 27060311 ECLASS-11.1 27060311 27060311 ECLASS-12.0 27060311 27060311 ETIM-5.0 EC001855 2001855 customs tariff number 85444290 2011 GTIN 4048879426855 2011 Packaging unit 1 2000 Electrical data Supply 250 V 250 V	Material	PUR
Commercial data 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 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	Width across flats	SW9
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 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	Degree of protection (EN IEC 60529)	IP66K, IP67
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 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	ECLASS-6.0	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V	ECLASS-8.0	27279218
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ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	ECLASS-10.1	27060311
ETIM-5.0EC001855customs tariff number85444290GTIN4048879426855Packaging unit1Electrical data SupplyOperating voltage AC max.250 V	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879426855 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V	ECLASS-12.0	27060311
GTIN 4048879426855 Packaging unit 1 Electrical data Supply 250 V	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 250 V	GTIN	4048879426855
Operating voltage AC max. 250 V	Packaging unit	1
	Electrical data Supply	
Operating voltage DC max. 250 V	Operating voltage AC max.	250 V
	Operating voltage DC max.	250 V

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Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Rated surge voltage	1,5 kV
Mechanical data Material data	
Coating of fitting	nickel plated
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
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.
Installation Cable	
vire arrangement	brown, black, blue
Cable identification	610
Cable Type	1
lacket Color	l black
ype of Certificate	cURus
Amount stranding	
Stranding	3 wires twisted
vire arrangement Cable weigth	brown, black, blue 29.37 g/m
Aaterial jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	4,5 mm
Folerance outer diameter (sheath)	±5%
	± 5 % PVC
Material wire insulation	3
Amount wires	
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free 14
Amount strands (wire)	
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm² Strandad connar wire, hare
Aaterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Iominal voltage AC max.	
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 - acket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C

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Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
UV resistance	DIN EN ISO 4892-2 A
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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