

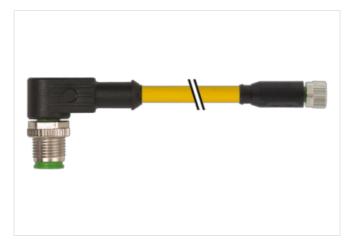
## M12 male 90° / M8 female 0° A-cod.

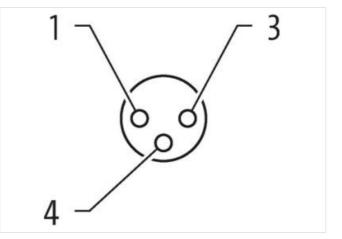
PVC 3x0.25 ye UL/CSA 1.5m

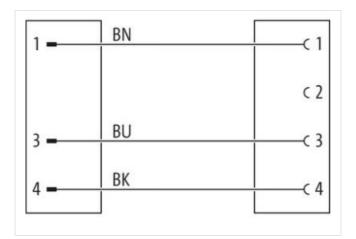
Male 90° – female straight M12 – M8, 3-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

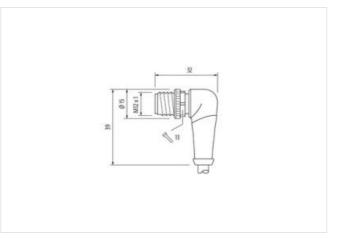
## Link to Product

## Illustration



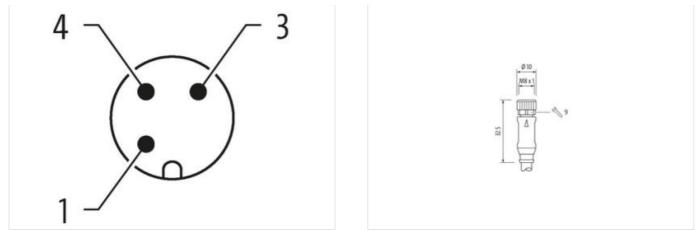






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Product may differ from Image



Cable length     1,5 m       Side 1		
Taylatening torque     0.6 Nm       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     0.4 Nm       Mounting method     inserted, screwed       Family construction form     M8       Thread     M6 x 1       Material     PUR       Width across flats     SV9       Degree of protection (EN IEC 60529)     IP66K, IP67       Commercial data     PUR       Width across flats     SV9       Degree of protection (EN IEC 60529)     IP66K, IP67       Commercial data     PUR       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-1	Cable length	1,5 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       ECLASS-6.0     27279218       ECLASS-6.0     27279218       ECLASS-6.0     27279218       ECLASS-7.0     2726911       ECLASS-7.0     27269131       ECLASS-10.1     27060311       ECLASS-10.1     27	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	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	Family construction form	M12
Width across flats     SW13       Degree of protection (EN IEC 60529)     IP66K, IP67       Side 2     IP66K, IP67       Tightening torque     0.4 Nm       Moutting 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 -6.0     27279218       ECLASS -0.0     27279218       ECLASS -0.0     27279218       ECLASS -0.0     27279218       ECLASS -0.0     27279218       ECLASS -1.1     27060311       ECLASS -1.1     27060311       ECLASS -1.1     27060311       ECLASS -1.2     27060311       ECLASS -1.1     <	Thread	M12 x 1
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       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-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     ECOM355       customs tariff number     85444290       GTIN     4048879159098       Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.	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-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-1.1     27060311       ECLASS-1.1     27060311       ECLASS-1.2.0     27060311       ETIM-5.0     ECO01855       customs tariff number     85444290       GTIN     4048879159098       Packaging unit     1       Etertical data   Supply        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-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       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       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879159098       Packaging unit     1       Electrical data   Supply     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-9.0     27060311       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     4048879159098       Packaging unit     1       Electrical data   Supply     Qperating voltage AC max.       Operating voltage AC max.     250 V	Side 2	
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     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     4048879159098       Packaging unit     1       Electrical data   Supply     Qperating voltage AC max.	Tightening torque	0,4 Nm
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-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       custs stafff number     85444290       GTIN     4048879159098       Packaging unit     1       Electrain datal [Supply     250 V	Mounting method	inserted, screwed
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-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       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879159098       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       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879159098       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     250 V	Thread	M8 x 1
Degree of protection (EN IEC 60529)     IP66K, IP67       Commercial data     ECLASS-6.0     27279218       ECLASS-7.0     27279218     ECLASS-8.0     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     EC01855     Customs tariff number     85444290       GTIN     4048879159098     Packaging unit     1       Electrical data   Supply     Qperating voltage AC max.     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     4048879159098       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       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879159098       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     4048879159098       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   4048879159098     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   4048879159098     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   4048879159098     Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   250 V	ECLASS-8.0	27279218
ECLASS-11.1   27060311     ECLASS-12.0   27060311     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879159098     Packaging unit   1     Electrical data   Supply   250 V	ECLASS-9.0	27060311
ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879159098       Packaging unit     1       Electrical data   Supply     250 V	ECLASS-10.1	27060311
ETIM-5.0EC001855customs tariff number85444290GTIN4048879159098Packaging unit1Electrical data   SupplyOperating voltage AC max.250 V	ECLASS-11.1	27060311
customs tariff number 85444290   GTIN 4048879159098   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 250 V	ECLASS-12.0	27060311
GTIN 4048879159098   Packaging unit 1   Electrical data   Supply 250 V	ETIM-5.0	EC001855
Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 250 V		
Electrical data   Supply   Operating voltage AC max. 250 V	GTIN	4048879159098
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 leads or a by the usage of cable tice
	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention:     Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Installation   Cable	
vire arrangement	brown, black, blue
Cable identification	010
Cable Type	1
lacket Color	yellow
ype of Certificate	cURus
mount stranding	1
Stranding	3 wires twisted
vire arrangement	brown, black, blue
Cable weigth	29,37 g/m
Naterial jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	4,5 mm
olerance outer diameter (sheath)	± 5 %
Aaterial wire insulation	PVC
Amount wires	3
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Naterial properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
laterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Iominal 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 - acket)	2 kV @ 60 s
Ain. operating temperature (static)	-30 °C

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Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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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