

## Y-Distributor M12 male / M12 female 0° A-cod.

PUR 3x0.34 ye UL/CSA+drag ch. 1.5m

Y-connector M12 – M12, 4-pole Male straight – females straight bridged

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

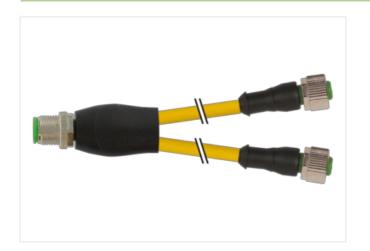
Plastic housings with good resistance against chemicals and oils.

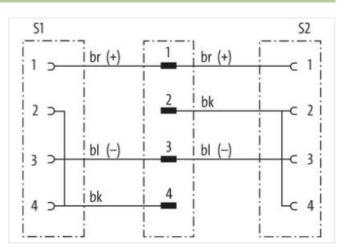
The resistance to aggressive media should be individually tested for your application. Further details on request.

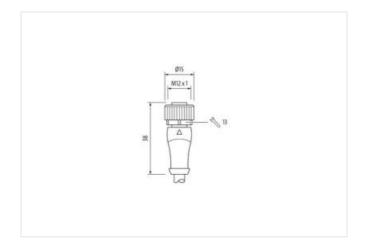
Further cable lengths on request.

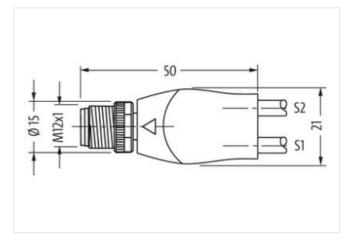
## **Link to Product**

## Illustration

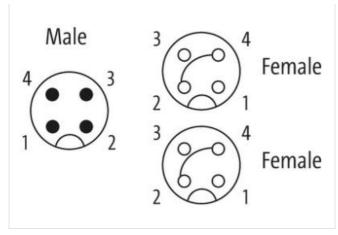












Product may differ from Image





Tightening torque	Cable length	1,5 m
Mounting method   Inserted, screwed	Side 1	
Family construction form   M12	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
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         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Family construction form         M12           Coding         A           Coding         A           Coding         A           Coding         A           Coding         A           Cotass-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Family construction form	M12
Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Coding           A         A           Coding           A         A           Coding           B         Coding         A           Coding         A<	Thread	M12 x 1
Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Family construction form         M12           Coding         A           Coding         A           Coding         A           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	suitable for corrugated tube (internal Ø)	10 mm
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Degree of protection (EN IEC 60529)   IP65, IP66K, IP67	Material	PUR
Side 2           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Family construction form           Family construction form         M12           Coding         A           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Width across flats	SW13
Tightening torque 0,6 Nm  Mounting method inserted, screwed  Family construction form M12  Thread M12 x 1  Coding A  Material PUR  Width across flats SW13  Degree of protection (EN IEC 60529) IP65, IP66K, IP67  Side 3  Family construction form M12  Coding A  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-11.1 27060313  ECLASS-12.0 27060313  ECLASS-12.0 27060313	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data         CCOMMERCIAL SCREEN SCREE	Side 2	
Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Tightening torque	0,6 Nm
Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Mounting method	inserted, screwed
Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Family construction form	M12
Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Thread	M12 x 1
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Coding	A
Degree of protection (EN IEC 60529)       IP65, IP66K, IP67         Side 3         Family construction form       M12         Coding       A         Commercial data         ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Material	PUR
Side 3         Family construction form       M12         Coding       A         Commercial data         ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Width across flats	SW13
Family construction form       M12         Coding       A         Commercial data         ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coding       A         Commercial data         ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Side 3	
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313	Family construction form	M12
ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Coding	A
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Commercial data	
ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	ECLASS-6.0	27279218
ECLASS-9.0     27060311       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313	ECLASS-7.0	27279218
ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313	ECLASS-8.0	27279218
ECLASS-11.1 27060313 ECLASS-12.0 27060313	ECLASS-9.0	27060311
ECLASS-12.0 27060313	ECLASS-10.1	27060313
	ECLASS-11.1	27060313
ETIM-5.0 EC001855	ECLASS-12.0	27060313
	ETIM-5.0	EC001855

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



stay connected

customs tariff number	85444290
GTIN	4048879157216
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	7/1
Mounting set	M12 x 1
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Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	ſ
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)
Installation   Cable	
Cable identification	033
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	29,7 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free



Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m