

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

PUR 3x0.34 bk UL/CSA 7m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

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

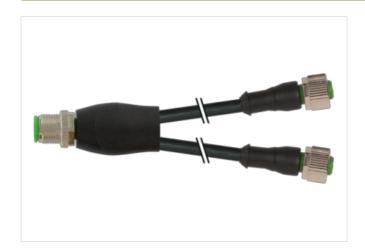
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

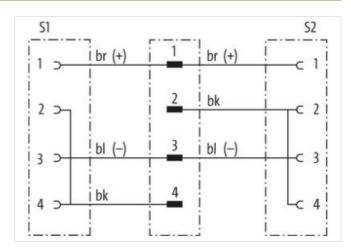
Plastic housings with good resistance against chemicals and oils.

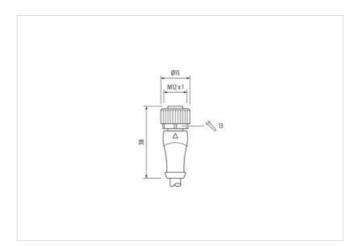
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

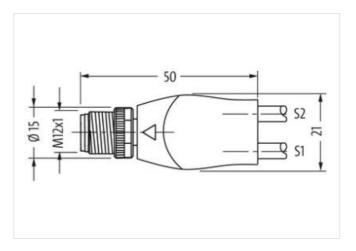
## **Link to Product**

## Illustration

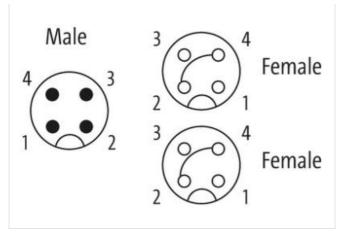












Product may differ from Image





Side 1         Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal 0)         10 nm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Ifghtening 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         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW3           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW3           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW3           ECLASS-6.0         27279218	Cable length	7 m
Mounting method   Inserted, screwed	Side 1	
Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Wich 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           A         Material           Post graph of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         ***           Family construction form         M12           Coding         A           Coding         A           ECLASS-6.0         27279218           ECLASS-7.0         27279218	Tightening torque	0,6 Nm
Thread   M12 x 1   10 mm   Coding   A   A   A   A   A   A   A   A   A	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         S           Family construction form         M12           Coding         A           Coding           A         Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-11.1         27060313           ECLASS-11.1         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           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313	Thread	M12 x 1
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           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313	suitable for corrugated tube (internal Ø)	10 mm
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Popular of protection (EN IEC 60529)           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         Commercial data           ECLASS-6.0         27279218         ECLASS-6.1         27279218           ECLASS-7.0         27279218         ECLASS-7.0         27279218           ECLASS-9.0         27060313         ECLASS-10.1         27060313           ECLASS-11.1         27060313	Coding	
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           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313		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-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060313  ECLASS-10.1 27060313  ECLASS-11.1 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         ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313	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-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         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-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         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-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         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-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         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-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         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-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060313         ECLASS-10.1       27060313         ECLASS-11.1       27060313		PUR
Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313		SW13
Family construction form       M12         Coding       A         Commercial data         ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060313         ECLASS-10.1       27060313         ECLASS-11.1       27060313	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coding         A           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313	Side 3	
Commercial data       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060313       ECLASS-10.1     27060313       ECLASS-11.1     27060313	Family construction form	M12
ECLASS-6.0 27279218  ECLASS-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060313  ECLASS-10.1 27060313  ECLASS-11.1 27060313	Coding	A
ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060313         ECLASS-10.1       27060313         ECLASS-11.1       27060313	Commercial data	
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060313         ECLASS-10.1       27060313         ECLASS-11.1       27060313	ECLASS-6.0	27279218
ECLASS-8.0     27279218       ECLASS-9.0     27060313       ECLASS-10.1     27060313       ECLASS-11.1     27060313	ECLASS-6.1	27279218
ECLASS-9.0     27060313       ECLASS-10.1     27060313       ECLASS-11.1     27060313	ECLASS-7.0	27279218
ECLASS-10.1 27060313 ECLASS-11.1 27060313	ECLASS-8.0	27279218
ECLASS-11.1 27060313		27060313
	ECLASS-10.1	27060313
ECLASS-12.0 27060313	ECLASS-11.1	27060313
	ECLASS-12.0	27060313

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: 2024-05-19



stay connected	stay	con	nec	tea
----------------	------	-----	-----	-----

ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879856591
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	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	l .
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   Climati	C C
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 04070 0 404 (M40)
	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	623
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	35,97 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.4
Construction (core)	0.1 mm
	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm²
Diameter (core) AWG	42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm <sup>2</sup> similar to AWG 22
Diameter (core)  AWG  Material wire isolation	42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC
Diameter (core)  AWG  Material wire isolation  Material property wire insulation	42× 0.1 mm (multi-strand wire class 6)  3× 0.34 mm²  similar to AWG 22  PVC  CFC-, cadmium-, silicone- and lead-free
Diameter (core)  AWG  Material wire isolation  Material property wire insulation  Shore hardness wire isolation	42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC
Diameter (core)  AWG  Material wire isolation  Material property wire insulation  Shore hardness wire isolation  Wire-Ø incl. isolation	42× 0.1 mm (multi-strand wire class 6)  3× 0.34 mm²  similar to AWG 22  PVC  CFC-, cadmium-, silicone- and lead-free
Diameter (core)  AWG  Material wire isolation  Material property wire insulation  Shore hardness wire isolation  Wire-Ø incl. isolation  Color/numbering of wires	42× 0.1 mm (multi-strand wire class 6)  3× 0.34 mm²  similar to AWG 22  PVC  CFC-, cadmium-, silicone- and lead-free  43 ±5 D
Diameter (core)  AWG  Material wire isolation  Material property wire insulation  Shore hardness wire isolation  Wire-Ø incl. isolation  Color/numbering of wires  Stranding combination	42× 0.1 mm (multi-strand wire class 6)  3× 0.34 mm²  similar to AWG 22  PVC  CFC-, cadmium-, silicone- and lead-free  43 ±5 D  1.25 mm ±5%
Diameter (core)  AWG  Material wire isolation  Material property wire insulation  Shore hardness wire isolation  Wire-Ø incl. isolation  Color/numbering of wires	42× 0.1 mm (multi-strand wire class 6)  3× 0.34 mm²  similar to AWG 22  PVC  CFC-, cadmium-, silicone- and lead-free  43 ±5 D  1.25 mm ±5%  black similar to RAL 9005



Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²