

## Y-Distributor M12 male / M12 female 90° A-cod.

PUR 3x0.34 ye UL/CSA 1m

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

Y-connector M12 – M12, 4-pole Male straight – females 90°

bridged

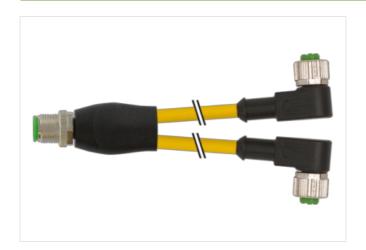
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

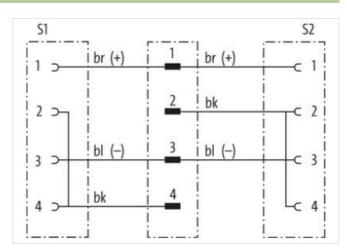
Plastic housings with good resistance against chemicals and oils.

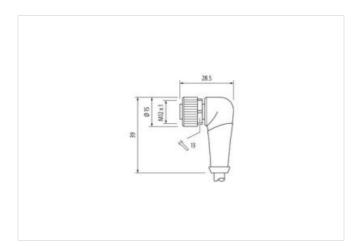
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

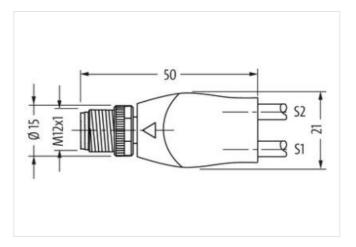
## **Link to Product**

## Illustration

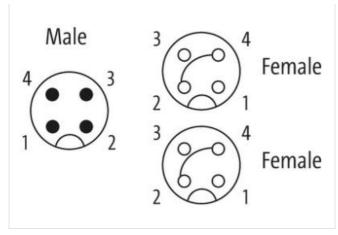












Product may differ from Image



Cable length



1 m

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         0,6 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           Goding         A           Coding           A           Coding           A           Colspan="2">Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27260313 <th>Cable length</th> <th>1 111</th>	Cable length	1 111
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)         IP65, IP66K, IP67           Side 2         ************************************	Side 1	
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           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 </td <td>Tightening torque</td> <td>0,6 Nm</td>	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         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           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Coding         A           Family construction form         M12           Coding         A           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313	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           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-7.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         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         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-6.0         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         ***********************************	suitable for corrugated tube (internal Ø)	10 mm
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         ************************************	Coding	A
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         Simply 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	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         Side 3           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-11.1         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-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         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	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-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         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	Material	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	Width across flats	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       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	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	ECLASS-9.0	27060313
	ECLASS-10.1	27060313
ECLASS-12.0 27060313	ECLASS-11.1	27060313
	ECLASS-12.0	27060313

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stay connected
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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879156127
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	
	M12 x 1
Mounting set	WIZ X I
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
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	
•	
	DIN EN 04070 0 404 (M40)
Product standard	DIN EN 61076-2-101 (M12)
Cable	DIN EN 61076-2-101 (M12)
	DIN EN 61076-2-101 (M12) 023
Cable	
Cable Cable identification	023
Cable identification Cable Type	023 2 (PUR/PVC)
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m]	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core)	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6)
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm²
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core)	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm²
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 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%
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 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% br, bk, bl
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires Stranding combination	023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 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%
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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	yellow
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