

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

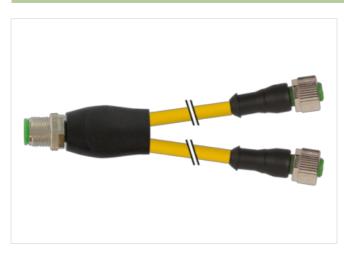
PUR 3x0.34 ye UL/CSA 0.6m

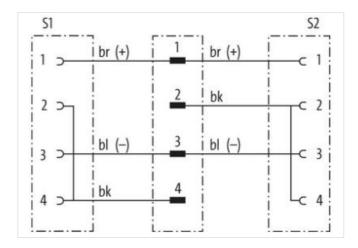
⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

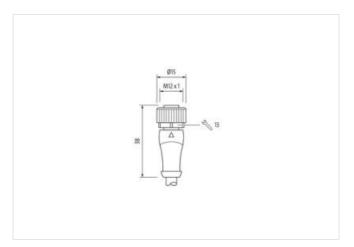
Y-connector M12 – M12, 4-pole Male straight – females straight bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

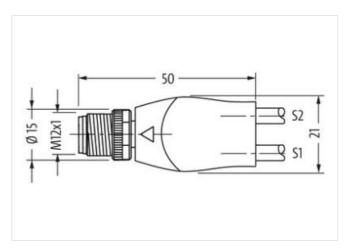
Link to Product

Illustration

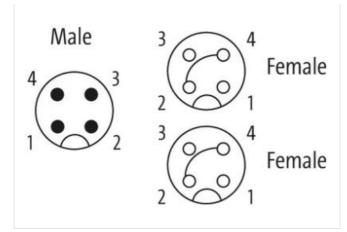












Product may differ from Image



Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	Cable length	0,6 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 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 Total across flats Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Total across flats Wounting 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 Surgers of protection (EN IEC 60529) Post, IP66K, IP67 Side 3 Coding A Coding A Coding A Coding A Coding A Colass-6.0 27279218 ECLASs-7.0	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 Image: Stress of the	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 Mouting 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 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SUT3 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SUT3 Coding A Coding A Coding A Coding A	Family construction form	M12
Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	Thread	M12 x 1
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	suitable for corrugated tube (internal \emptyset)	10 mm
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 IP66, IP66K, IP67 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 Image: Screwed 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 Image: Screwed Coding A Coding A Side 3 Image: Screwed Ecclass-6.0 27279218 EccLAss-6.1 27279218 EcLAss-6.1 27279218 EcLAss-7.0 27279218 EcLAss-8.0 27279218 EcLAss-8.0 27279218 EcLAss-8.0 27279218 EcLAss-8.0 27279218 EcLAss-8.0 27279218 EcLAss-8.0 27260313 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 Family construction form M12 Coding A Coding A Side 3 ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060313 ECLASS 9.0 27060313 ECLASS 9.10.1 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	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	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 Coding A ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260313 ECLASS-9.0 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 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	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
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 27279218 ECLASS-6.0 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	Coding	A
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Side 3 Family construction form M12 Coding A Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 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 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 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 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313	Side 3	
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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	
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ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313	ECLASS-6.1	27279218
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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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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879157278
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)	Ι
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
Important installation notes	
•	Destant the second stars by suitable measures from machine line is a by the years of eable time.
Note on strain relief	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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
	022
Cable identification Cable Type	023 2 (PUR/PVC)
Approval (cable)	2 (POR/PVC) 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)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.34 mm ²
AWG	similar to AWG 22
Material wire isolation	PVC
	CFC-, cadmium-, silicone- and lead-free
Material property wire insulation	
Material property wire insulation Shore hardness wire isolation	43 ±5 D

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Stranding combination	3 wires twisted
Shield	no
Material jacket	PUR/PVC
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/s ²

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