

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

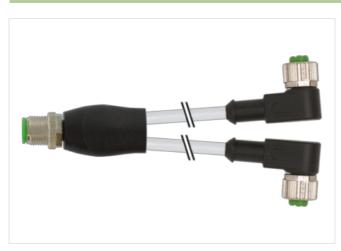
PUR 3x0.34 gy UL/CSA 2.5m

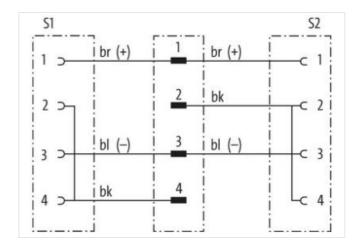
⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

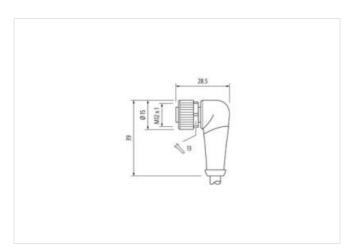
Y-connector M12 – M12, 4-pole Male straight – females 90° bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

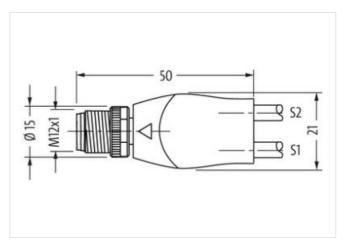
Link to Product

Illustration





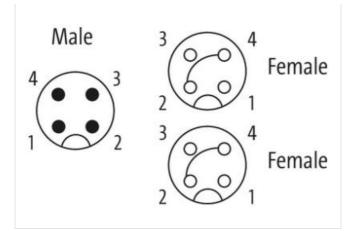




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Product may differ from Image



Cable length	2,5 m
Side 1	
Tightening torque	0,6 Nm
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	
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
ECLASS-12.0	27060313
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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879444507
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)	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
Machanical data (Maxwell)	
Mechanical data Mounting data	
Mechanical data Mounting data Mounting method	inserted, screwed, Shaking protection
Mounting method	
Mounting method Environmental characteristics Climatic	
Mounting method Environmental characteristics Climatic Operating temperature min.	-25 °C
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max.	-25 °C 85 °C
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	-25 °C 85 °C depending on cable quality
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard	-25 °C 85 °C
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable	25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12)
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification	223
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Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable)	223 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m]	223 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire	223 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core)	-25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 223 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C)
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core)	-25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 223 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
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core)	-25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 223 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)
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	-25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 223 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 mm ²
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG	223 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 mm ² similar to AWG 22
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard 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	25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 223 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 mm ² similar to AWG 22 PVC
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard 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	-25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 223 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
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard 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	$\begin{array}{c} -25 \ ^{\circ}\text{C} \\ 85 \ ^{\circ}\text{C} \\ \text{depending on cable quality} \\ \\ \hline \\ DIN EN 61076-2-101 (M12) \\ \\ \hline \\ 223 \\ 2 (PUR/PVC) \\ \\ UL (AWM-Style 20549/1731), CSA; CE conform \\ 35,97 \ g \\ \\ Cu wire, bare \\ max. 57 \ \Omega/km (20 \ ^{\circ}\text{C}) \\ 0.1 \ mm \\ 42\times \ 0.1 \ mm (multi-strand wire class 6) \\ 3\times \ 0.34 \ mm^2 \\ similar to AWG 22 \\ PVC \\ CFC-, cadmium-, silicone- and lead-free \\ 43 \pm 5 \ D \end{array}$
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard 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	$\begin{array}{c} -25\ ^{\circ}\text{C} \\ 85\ ^{\circ}\text{C} \\ \text{depending on cable quality} \\ \\ \\ \hline \\ DIN EN 61076-2-101 (M12) \\ \\ \hline \\ 223 \\ 2 (PUR/PVC) \\ \\ UL (AWM-Style 20549/1731), CSA; CE conform \\ 35,97\ g \\ \\ Cu wire, bare \\ max. 57\ \Omega/km (20\ ^{\circ}\text{C}) \\ 0.1\ mm \\ 42\times 0.1\ mm (multi-strand wire class 6) \\ 3\times 0.34\ mm^2 \\ similar to AWG 22 \\ PVC \\ CFC-, cadmium-, silicone- and lead-free \\ 43\pm 5\ D \\ 1.25\ mm \pm5\% \\ \end{array}$
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard 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	$\begin{array}{c} -25 \ ^{\circ}\text{C} \\ 85 \ ^{\circ}\text{C} \\ \hline \text{depending on cable quality} \\ \hline \\ \hline \\ DIN EN 61076-2-101 (M12) \\ \hline \\ 223 \\ 2 (PUR/PVC) \\ \hline \\ UL (AWM-Style 20549/1731), CSA; CE conform \\ 35,97 \ g \\ \hline \\ Cu wire, bare \\ max. 57 \ \Omega/km (20 \ ^{\circ}\text{C}) \\ \hline \\ 0.1 \ mm \\ 42 \times 0.1 \ mm (multi-strand wire class 6) \\ 3 \times 0.34 \ mm^2 \\ similar to AWG 22 \\ PVC \\ \hline \\ CFC-, cadmium-, silicone- and lead-free \\ \hline \\ 43 \ \pm 5 \ D \\ \hline \\ 1.25 \ mm \ \pm 5\% \\ br, bk, bl \\ \hline \end{array}$
Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard 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	$\begin{array}{c} -25\ ^{\circ}\text{C} \\ 85\ ^{\circ}\text{C} \\ \text{depending on cable quality} \\ \\ \\ \hline \\ DIN EN 61076-2-101 (M12) \\ \\ \hline \\ 223 \\ 2 (PUR/PVC) \\ \\ UL (AWM-Style 20549/1731), CSA; CE conform \\ 35,97\ g \\ \\ Cu wire, bare \\ max. 57\ \Omega/km (20\ ^{\circ}\text{C}) \\ 0.1\ mm \\ 42\times 0.1\ mm (multi-strand wire class 6) \\ 3\times 0.34\ mm^2 \\ similar to AWG 22 \\ PVC \\ CFC-, cadmium-, silicone- and lead-free \\ 43\pm 5\ D \\ 1.25\ mm \pm5\% \\ \end{array}$

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CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-

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	gray
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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