

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

PUR 3x0.34 ye UL/CSA 2m

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

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

bridged

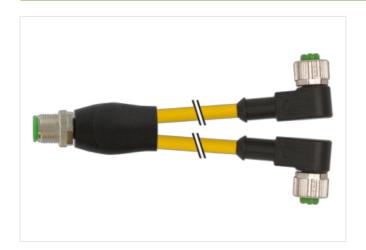
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

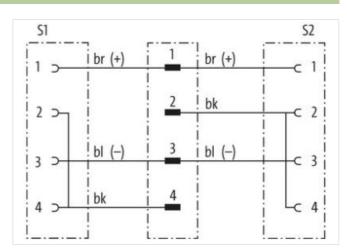
Plastic housings with good resistance against chemicals and oils.

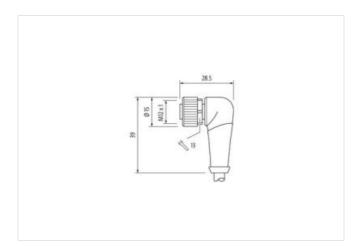
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

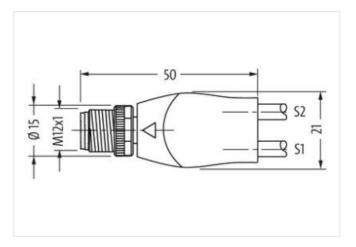
## **Link to Product**

## Illustration

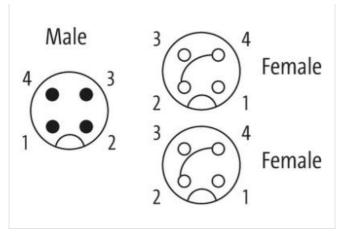












Product may differ from Image





Cable length	2 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

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	connect	ed

ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879156110
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
<u> </u>	IVITZ X T
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	
Zirvirorimoritai oriaraotoriotico   oriinati	
Operating temperature min	-25 °C
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Operating temperature max.  Additional condition temperature range	
Operating temperature max.  Additional condition temperature range  Conformity	85 °C depending on cable quality
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Operating temperature max.  Additional condition temperature range  Conformity  Product standard	85 °C depending on cable quality
Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Cable	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)
Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Cable  Cable identification	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  023
Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Cable  Cable identification  Cable Type	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  023 2 (PUR/PVC)
Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Cable  Cable identification  Cable Type  Approval (cable)  Cable weight [g/m]  Material wire	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  023 2 (PUR/PVC)  UL (AWM-Style 20549/1731), CSA; CE conform
Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Cable  Cable identification  Cable Type  Approval (cable)  Cable weight [g/m]	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  023 2 (PUR/PVC)  UL (AWM-Style 20549/1731), CSA; CE conform  35,97 g
Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Cable  Cable identification  Cable Type  Approval (cable)  Cable weight [g/m]  Material wire	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  023 2 (PUR/PVC)  UL (AWM-Style 20549/1731), CSA; CE conform  35,97 g  Cu wire, bare
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)	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform  35,97 g Cu wire, bare max. 57 Ω/km (20 °C)
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)	85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  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
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)	85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  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)
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)	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  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
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	85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  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
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	85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  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
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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	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  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%
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	85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  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



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 <sup>2</sup>