

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

PVC 3x0.34 ye UL/CSA 0.3m

Y-connector M12 - M12, 4/3-pole

 $\label{eq:males} \mbox{Male straight} - \mbox{females straight}$

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

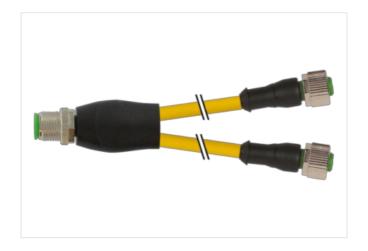
Plastic housings with good resistance against chemicals and oils.

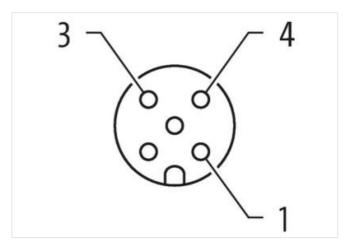
The resistance to aggressive media should be individually tested for your application. Further details on request.

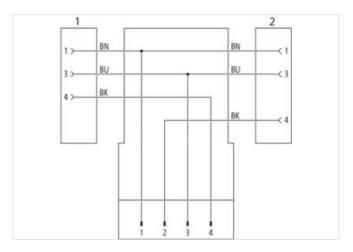
Further cable lengths on request.

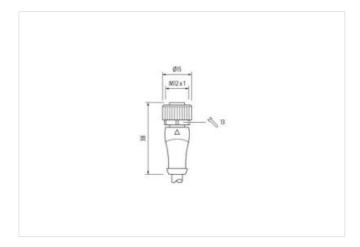
Link to Product

Illustration



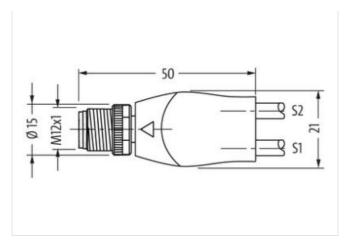


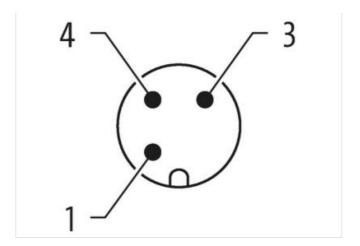






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Product may differ from Image













Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	



ECLASS 7.0 27279218	ECLASS-6.0	27279218
ECLASS-8.0 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313 ETIM-5.0 EC001855 Customs tarff number 68444290 GTIN 4048879158121 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (LIL-listed) 30 V Operating voltage DC (RIL-listed) 30 V Operating voltage DC (LIL-listed) 30 V Operating voltage DC (LIL-listed) 30 V Operating voltage DC (CIL-listed) 30 V Operating voltage DC (CIL-listed) 30 V Operating voltage DC (LIL-listed) 30 V Operating voltage DC (LIL-li	ECLASS-7.0	27279218
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Additional condition temperature range depending on cable quality Important installation notes		
	Additional condition temperature range	depending on cable quality
	Important installation notes	
,	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Conformity	Conformity	
Product standard DIN EN 61076-2-101 (M12)		DIN EN 61076-2-101 (M12)
Installation Cable	Installation Cable	
Cable identification 013	Cable identification	013
Cable Type 1	Cable Type	1
Jacket Color yellow	Jacket Color	yellow
Type of Certificate cURus	Type of Certificate	cURus
Amount stranding 1		

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: 2024-05-17



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Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter