

Y-Distributor M12 male / M8 female 0° A-cod.

PUR 3x0.34 ye UL/CSA+drag ch. 2.5m

Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

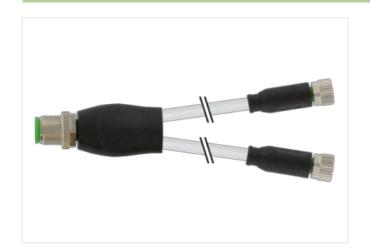
Plastic housings with good resistance against chemicals and oils.

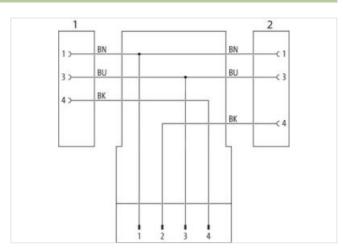
The resistance to aggressive media should be individually tested for your application. Further details on request.

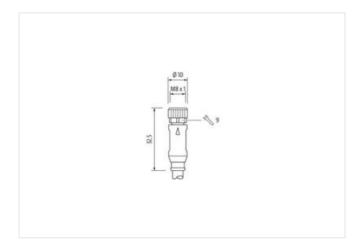
Further cable lengths on request.

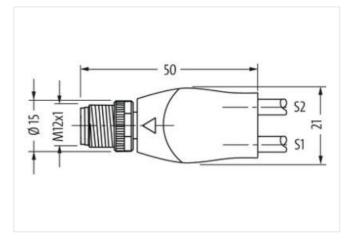
Link to Product

Illustration

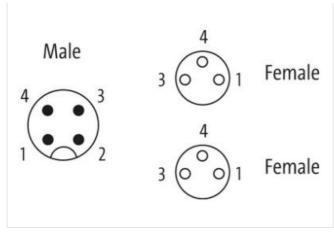












Product may differ from Image



Side 1 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1	
Mounting method inserted, screwed Coating contact gold plated Family construction form M12	
Coating contact gold plated Family construction form M12	
Family construction form M12	
•	
Thread M10 v 1	
Tillead Wil 2 x I	
suitable for corrugated tube (internal Ø) 6,5 mm	
Coding A	
Material contact Copper alloy	
No. of poles 4	
Width across flats SW13	
Degree of protection (EN IEC 60529) IP67	
Side 2	
Tightening torque 0,4 Nm	
Mounting method inserted, screwed	
Coating contact gold plated	
Family construction form M8	
Thread M8 x 1	
Coding A	
Material contact Copper alloy	
No. of poles 3	
Width across flats SW9	
Degree of protection (EN IEC 60529) IP67	
Side 3	
Mounting method inserted, screwed	
Family construction form M8	
Coding A	
No. of poles 3	
Commercial data	
ECLASS-6.0 27279218	
ECLASS-7.0 27279218	



stay connected

ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879495615
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	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	
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
	DIT LIT 01070-2-101 (WIZ), DIT LIT 01070-2-114 (WIO)
Installation Cable	
Cable identification	233
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding Stranding	1 3 wires twisted
Stranding wire arrangement	brown, black, blue
wire arrangement Traversing distance (C-track)	10 m @ 25 °C horizontal
	29,7 g/m
Cable weigth	
	DUD
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A

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: 2024-05-12



stay	connected

Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min