

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

PUR 3x0.34 gy UL/CSA+robot+drag ch. 0.6m

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.

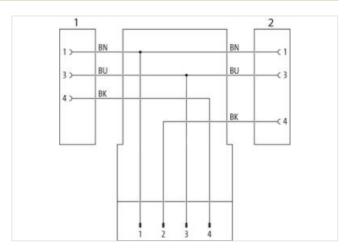
The resistance to aggressive media should be individually tested for your application. Further details on request.

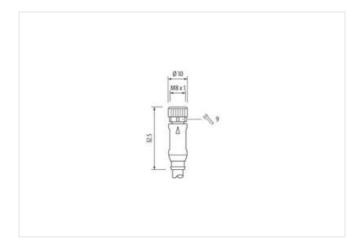
Further cable lengths on request.

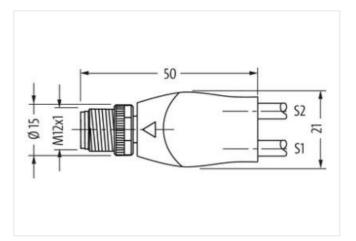
Link to Product

Illustration

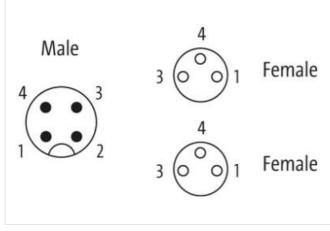












Product may differ from Image



Side 1 Tightening torque 0,6	
Tightening torque 0,6	
	and a successful
Mounting method inse	erted, screwed
Coating contact gold	d plated
Family construction form M12	2
Thread M12	2 x 1
suitable for corrugated tube (internal Ø) 6,5	mm
Coding A	
Material contact Cop	oper alloy
No. of poles 4	
Width across flats SW	/13
Degree of protection (EN IEC 60529) IP67	7
Side 2	
Tightening torque 0,4	Nm
Mounting method inse	erted, screwed
Coating contact gold	d plated
Family construction form M8	
Thread M8	x1
Coding A	
Material contact Cop	oper alloy
No. of poles 3	
Width across flats SW	79
Degree of protection (EN IEC 60529)	7
Side 3	
Mounting method inse	erted, screwed
Family construction form M8	
Coding A	
No. of poles 3	
Commercial data	
ECLASS-6.0 272	279218
ECLASS-7.0 272	279218



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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
Packaging unit	4048879435673
	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	safe-cover coated
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	- '
	-25 °C
Operating temperature min. Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
	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)
Installation Cable	
Cable identification	253
Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Amount stranding	· ·
Stranding	3 wires twisted
-	
Stranding	3 wires twisted
Stranding wire arrangement	3 wires twisted brown, black, blue
Stranding wire arrangement Traversing distance (C-track) Cable weigth	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal
Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 29,7 g/m
Stranding wire arrangement Traversing distance (C-track) Cable weigth	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 29,7 g/m PUR
Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 29,7 g/m PUR 58 ± 3 Shore D

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: 2024-05-07



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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	74 ± 3 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 mm²
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	60 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	DIN EN 60811-404 Good, application-related testing
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	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min