

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

PUR 3x0.34 gy UL/CSA+robot+drag ch. 1.5m

Y-connector M12 – M12, 4-pole
Male straight – females straight
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	1,5 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	27061801
customs tariff number	85444290
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 safe-cover coated
 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

Operating temperature min. -25 °C
 Operating temperature max. 85 °C
 Additional condition temperature range depending on cable quality

Conformity

Product standard DIN EN 61076-2-101 (M12)

Installation | Cable

Cable identification 253
 Cable Type 5
 Jacket Color gray
 Type of Certificate cURus
 Amount stranding 1
 Stranding 3 wires twisted
 wire arrangement brown, black, blue
 No. of bending cycles (C-track) 10 Mio. @ 25 °C
 Cable weight 29,7 g/m
 Material jacket PUR
 Shore hardness jacket 58 ± 3 Shore D
 Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
 Outer-diameter (jacket) 4,3 mm
 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
 Traversing distance (C-track) 5 m @ 25 °C | horizontal
 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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	\pm 360 °/m