

M12 male 0° / M12 female 0° A-cod.

PUR 8x0.25 gy UL/CSA+drag ch. 22m

Male straight – female straight

M12 - M12, 8-pole

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

Plastic housings with good resistance against chemicals and oils.

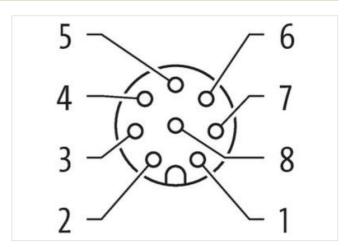
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

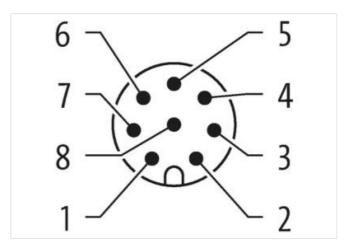
Link to Product

Illustration



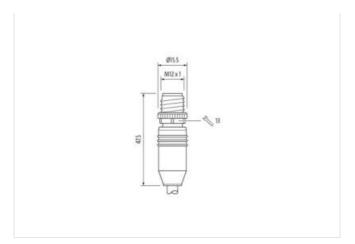


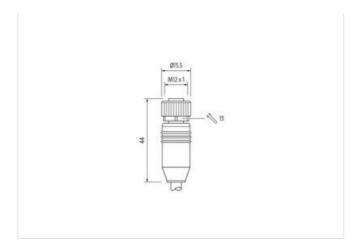






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Product may differ from Image





Side 1 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2 Mounting method inserted, screwed Coaling contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 40488781727 Packaging unit 1 Electrical of late Supply Operating voltage AC max. 30 V <td colspan<="" th=""><th>Cable length</th><th>22 m</th></td>	<th>Cable length</th> <th>22 m</th>	Cable length	22 m
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Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical	Packaging unit	1	
Operating voltage DC max. 30 V Device protection Electrical	Electrical data Supply		
Device protection Electrical	Operating voltage AC max.	30 V	
	Operating voltage DC max.	30 V	
Pollution Degree 3	Device protection Electrical		
	Pollution Degree	3	



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Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
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.
Installation Cable	changered by excessive bending forces.
Cable identification	292
Cable Type	3
Jacket Color	
	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	8 wires around Core filler twisted
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	52,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1.2 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 strangs (wire)	32
Diameter of single wires	0,1 mm
Diameter of single wires	0,1 mm 0,25 mm ²
Diameter of single wires Conductor crosssection (wire)	
Diameter of single wires Conductor crosssection (wire) Material conductor wire	0,25 mm ²
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	0,25 mm² Stranded copper wire, bare
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track)	0,25 mm ² Stranded copper wire, bare strand class 6
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max.	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Bending radius (fixed)	0,25 mm² Stranded copper wire, bare strand class 6 10 m @ 25 °C horizontal 300 V to DIN VDE 0298-4 3 A 79 Ω/km @ 20 °C 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing



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