

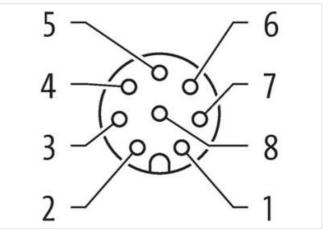
M12 male 0° / M12 female 0° A-cod.

PVC 8x0.25 bk UL/CSA 25m

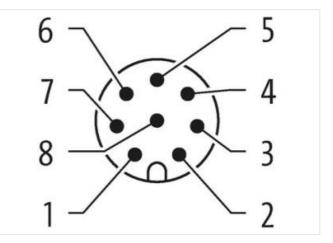
Male straight – female straight M12 – M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





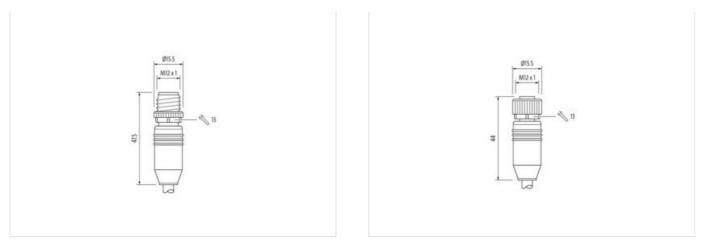
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Product may differ from Image



Side 1 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2 Side 1 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data Copper alloy ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 8544290 GTN 4048879757669 Packaging unit 1 Etectrical data Supply Operatin	Cable length	25 m
Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2	Side 1	
Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2	Mounting method	inserted, screwed
Material contact Copper alloy No. of poles 8 Side 2	Coating contact	gold plated
No. of poles 8 Side 2 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data Zitz 279218 ECLASS-6.0 27279218 ECLASS-7.0 Zitz 279218 ECLASS-7.0 Zitz 279218 ECLASS-7.0 Zitz 729218 ECLASS-7.0 Zitz 729218 ECLASS-8.0 Zitz 729218 ECLASS-7.0 Zitz 729218 ECLASS-7.0 Zitz 729218 ECLASS-8.0 Zitz 729218 ECLASS-1.1 Zito60311 ECLASS-1.0 Zito60311 ECLASS-10.1 Zito60311 ECLASS-12.0 Zito60311 ETIM-5.0 Eco01855 customs tariff number B5444290 GTIN 404887975669 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. <td>Family construction form</td> <td>M12</td>	Family construction form	M12
Side 2Mounting methodinserted, screwedCoating contactgold platedFamily construction formM12Material contactCopper alloyNo. of poles8Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-9.027279218ECLASS-9.02760311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.027060311ECLASS-13.127060311ECLASS-14.127060311ECLASS-15.127060311ECLASS-16.11ECLASS-17.0EC001855customs tariff number85444290GTIN404879757669Packaging unit1Electrical data SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VDevice protection Electrical	Material contact	Copper alloy
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Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data ECLASS-6.0 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879757669 Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 30 V Operating voltage DC max. 30 V	Side 2	
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ETIM-5.0EC001855customs tariff number85444290GTIN4048879757669Packaging unit1Electrical data SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VDevice protection Electrical	ECLASS-11.1	27060311
customs tariff number85444290GTIN4048879757669Packaging unit1Electrical data Supply30 VOperating voltage AC max.30 VOperating voltage DC max.30 VDevice protection Electrical		27060311
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Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical		85444290
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Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical 30 V	Packaging unit	1
Operating voltage DC max. 30 V Device protection Electrical 30 V	Electrical data Supply	
Device protection Electrical		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)	1	
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		
wire arrangement	brown, white, red, blue, pink, gray, yellow, green	
Cable identification	607	
Cable Type	1	
Jacket Color	black	
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	58,3 g/m	
Material jacket	PVC	
Shore hardness jacket	85 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
Duter-diameter (jacket)	6 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PVC	
Amount wires	8	
Duter diameter insulation	1.2 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	
5		
Amount strands (wire)	32	
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0,25 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	3 A	
Electrical resistance line constant wire	79 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	2 kV @ 60 s	
Power frequency withstand voltage (wire - acket)	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	
UV resistance	DIN EN ISO 4892-2 A	
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	

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Oil resistance

Good, application-related testing | DIN EN 60811-404

Bending radius (fixed) Bending radius (dynamic) 5 x Outer diameter 10 x Outer diameter