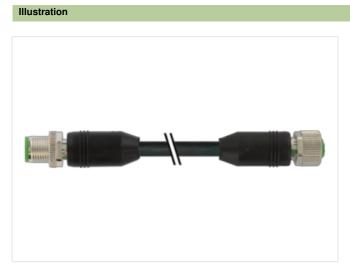


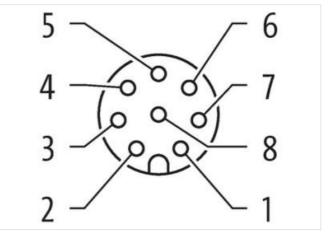
M12 male 0° / M12 female 0° A-cod.

PVC 8x0.25 bk UL/CSA 5m

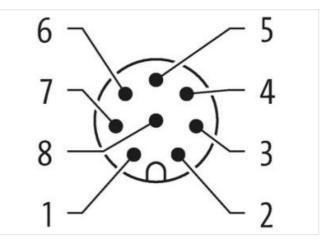
Male straight – female straight M12 – M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further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

Link to Product





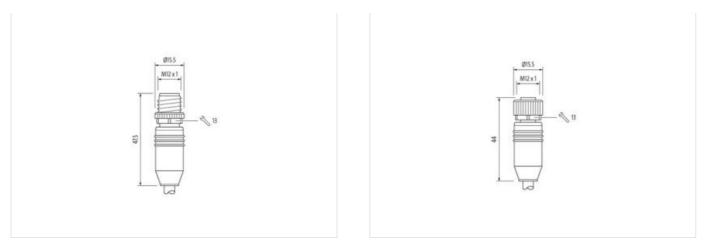
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Product may differ from Image



Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2	Cable length	5 m
Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material 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-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 EC001855 customs tariff number 85444200 GTIN 40487563307 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage AC max.<	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	Family construction form	M12
Side 2 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060311 ECLASS-1.2 2001855 customs taiff number 8544290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply 30 V Operating voltage AC max. 30 V <	Material contact	Copper alloy
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 CO01855 customs taiff number S444290 GTIN 404879563307 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V	No. of poles	8
Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data E ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical yoltage AC max. 30 V Operating voltage AC max. 30 V Operating voltage DC max. 30 V	Side 2	
Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data E ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply 90 V Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical 20 V	Mounting method	inserted, screwed
Material contact Copper alloy No. of poles 8 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply 30 V Operating voltage AC max. 30 V Operating voltage DC max. 30 V	Coating contact	gold plated
No. of poles 8 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply Jov Operating voltage AC max. 30 V Operating voltage DC max. 30 V	Family construction form	M12
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ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 30 V Operating voltage DC max. 30 V	Commercial data	
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ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V	ECLASS-6.1	27279218
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customs tariff number 85444290 GTIN 4048879563307 Packaging unit 1 Electrical data Supply 1 Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical S0 V	ECLASS-12.0	27060311
GTIN 4048879563307 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical	GTIN	4048879563307
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	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)	1
Environmental characteristics Climatic	
Operating temperature min.	-25 °C 85 °C
Operating temperature max. 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.
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
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	8
Outer 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
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 - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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