

< 3

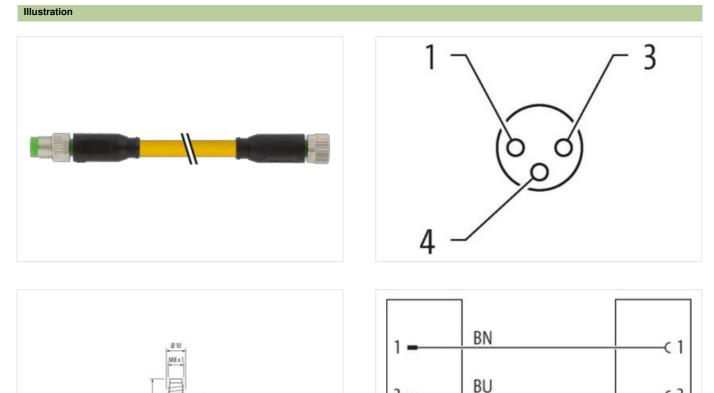
< 4

M8 male 0° / M8 female 0° A-cod.

PVC 3x0.25 ye UL/CSA 0.3m

Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths 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.

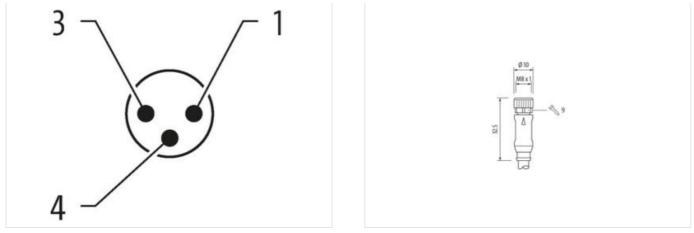
Link to Product



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Product may differ from Image



Cable length	0,3 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $Ø$)	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879132299
Packaging unit	1
Electrical data Supply	

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Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
	inserted, screwed, Shaking protection
Mounting method	
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.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	
Installation Cable	
Cable identification	010
Cable identification	010 1
Cable identification Cable Type Jacket Color	010 1 yellow
Cable identification Cable Type Jacket Color Type of Certificate	010 1 yellow cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	010 1 yellow cURus 1
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	010 1 yellow cURus 1 3 wires twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement	010 1 yellow cURus 1 3 wires twisted brown, black, blue
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	010 1 yellow cURus 1 3 wires twisted brown, black, blue
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket)	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath)	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 % 45 ± 5 Shore D
Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	010 1 yellow cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 %

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Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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