

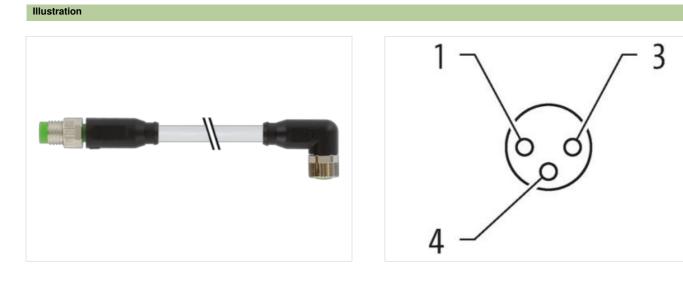
## M8 male 0° / M8 female 90° A-cod.

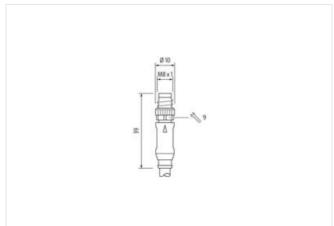
PUR 3x0.25 gy UL/CSA 20m

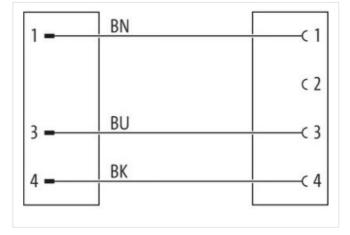
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Male straight – female 90° M8 – M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

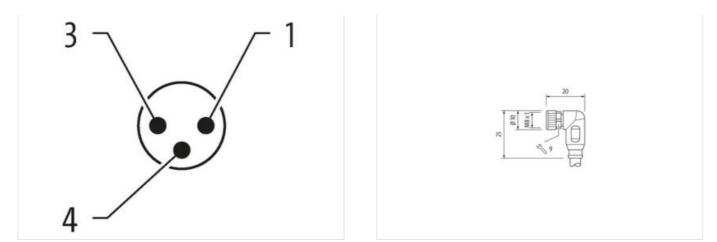






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04





Product may differ from Image



Cable length	20 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	27061801
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	4048879777582
Packaging unit	1
Electrical data   Supply	

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Operating per contact max.     4 A       Disponitio        Statu Infolation LED     no       Device protection (ENIE 5050)     IP65, IP67, IP68, IP66K       Additional Condition protection degree     inserted, sorewed       Politorio Degree     3       Rated argues objection (Bacterial        Matching and condition protection degree     1.5 kV       Matching and Interial data        Matching and Interial data     FKM       Matching and Interial data     FKM       Matching and Interial data     FKM       Matching and Entities     FKM       Matching and Entities     FKM       Matching and Entities     FKM       Matching and Entities     Cance descring       Matching and percentra max.     89 °C       Operating properature may.		
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Status indication LEDnoDevice projection [Elections]IP69, IP69, IP69		4 A
Device protection   Electrical     PPS, IPS, IPS, IPS, IPS, IPS, IPS, IPS,	Diagnostics	
Degree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeiseratod, screwedPated supp viltage1,5 KVMaterial group (IEC 60664-1)iMechanic data [Material data]ikesladCoaling lockingNickaledMaterial gasketFKMMaterial gasketRCMMaterial gasketRCMMaterial gasketSine dec-assingMechanic data [Material data]Inserted, screwed, Shaking protectionEnvironmental characteristics [ClimaticSine dec-assingOperating temperature man.25 °CAdditional condition temperature rangedegreding on cable qualityConternitySine ContextProduction temperature rangedegreding on cable qualityCable if Type2Cable if Type<	Status indication LED	no
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Material gasket     FKM       Material housing     PUR       Locking material     Zino cle-casting       Meterial data   Mounting dat     Inserted, screwed, Shaking protection       Environmental characteristics   Glimatic     Comparities protection       Environmental characteristics   Glimatic     Generality emperature max.       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Contempt     Environmental Castics       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable Type       Cable Identification     220       Cable Identification     220       Cable Identification     220       Cable Identification     culRus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C+track)     5 m @ 25 °C   horizontal       Traversing distance (C+track)     2 Mix @ 25 *G       Cable waigh     26.62 g/m       Material jacket     PUR       Store hardness jacket     65 ± 5 Shore A <td>Coating locking</td> <td>Nickeled</td>	Coating locking	Nickeled
Material housing     PUR       Locking material     Zinc die-casting       Mechanical data  Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     65 °C       Operating temperature max.     65 °C       Additional condition temperature range     depending on cable quality       Conormity     Product standard       Din EN 61076-2-114 (M8)     Inserted, Screwed, Status, Screwed, Screwed, Status, Screwed, Status, Screwed, Screwed, Screwed, Status, Screwed, Screwed, Status, Screwed, Statu		FKM
Locking material     Zinc die-casting       Mechanical data   Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     25 °C       Operating temperature max.     85 °C     Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C     Commity       Product standard     DIN EN 61076-2114 (M8)     Installation [Cable       Cable identification     220     Cable identification     220       Cable identification     220     Cable identification     210       Type of Certificate     cURus     Currow, black, blue     Currow, black, blue       Traversing distance (C-track)     5 m @ 25 °C   horizontal     Currow, black, blue     Cable weight     26,62 g/m       Material jockt     PUR     Shore hardness jacket     85 ± 5 shore A     Cable identification     25 °C       Cable weight     26,62 g/m     Material wei resultation     PUR     Shore hardness jacket     85 ± 5 shore A     Cable identification     25 °C       Cable weight     26,52 g/m     Material wei resultation     PUR     Shore hardness jacket	Material housing	PUR
Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Operating temperature min.     45 ° C       Operating temperature max.     85 ° C       Additional condition temperature max.     depending on cable quality       Conformity     Image: Conformity       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     220       Cable identification     220       Cable Identification     97ay       Type of Cortificate     210       Anount stranding     1       Stranding     3 wires twisted       Mount stranding     1       Traversing distance (C-track)     5 m @ 25 ° C       Cable weighth     26.62 g/m       Material jackt     9 Me.@ 25 ° C       Cable weighth     26.62 g/m       Material jackted     9 ± 5 Shore A       Freedom from ingredients (gaket)     Iead-free, cadmium-free, CFC-free, silicone-free       Outer diameter insulation     9 C       Outer diameter insulation     125 %       Addria wire insulation     9 C<	Locking material	Zinc die-casting
Environmental characteristics   Climatte       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Environmental characteristics   Climatte       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     200       Cable identification     220       Cable identification     220       Cable Identification     220       Cable Identification     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Traversing distance (C-track)     2 Mio.@ 25 °C       Cable weight     26,82 g/m       Material jacket     PUR       Shore A     Strone A       Freedom from ingredients (jacket)     43 mm       Colerance outer (atmeter (sheath)     4,3 mm       Tolerance outer diameter (sheath)     45 %       Shore hardness jacket     3 </td <td>Mechanical data   Mounting data</td> <td></td>	Mechanical data   Mounting data	
Environmental characteristics   Climatte       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Environmental characteristics   Climatte       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     200       Cable identification     220       Cable identification     220       Cable Identification     220       Cable Identification     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Traversing distance (C-track)     2 Mio.@ 25 °C       Cable weight     26,82 g/m       Material jacket     PUR       Shore A     Strone A       Freedom from ingredients (jacket)     43 mm       Colerance outer (atmeter (sheath)     4,3 mm       Tolerance outer diameter (sheath)     45 %       Shore hardness jacket     3 </td <td>Mounting method</td> <td>inserted, screwed, Shaking protection</td>	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity        Product standard     Bit Dir EN 61076-2-114 (M8)       Installation   Cable        Cable identification     220       Cable Identification     220       Cable Identification     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     2 Bito. @ 25 °C       Cable weigth     26,62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (sheath)     ± 5 %       Amount wires     3       Outer diameter (sheath)     ± 5 %       Cuter diameter (sheath)     ± 5 %       Outer diameter (sheath)     ± 5 %       Outer diameter insulation     1.25 mm		
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       DiN EN 61076-2-114 (M8)     Installation   Cable       Cable identification     220       Cable identification     220       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Travel speed (C-track)     2 Mio. @ 25 °C       Cable weigth     26,62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material jacket     PVC       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm       Outer diameter insulation </td <td>· · ·</td> <td></td>	· · ·	
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Travel speed (C-track)2 Mio. @ 25 °CCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationis 43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationis 2	wire arrangement	
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Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32	Material wire insulation	PVC
Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 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	Amount wires	3
Shore hardness wire insulation 43 ± 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	Outer diameter insulation	1,25 mm
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free   Amount strands (wire) 32	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire) 32	Material properties wire insulation	good machinability
	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires 0,1 mm	Amount strands (wire)	32
	Diameter of single wires	0,1 mm

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Conductor crosssection (wire)	0,25 mm <sup>2</sup>
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	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)	2° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	2° 08
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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