

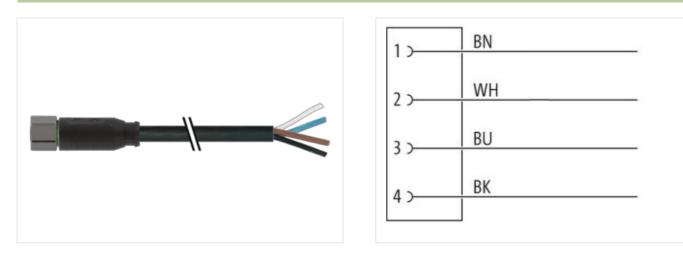
## M8 female 0° A-cod. with cable V4A

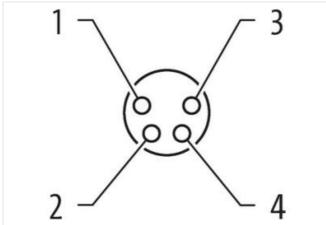
PVC 4x0.25 bk UL/CSA 10m

Female straight M8, 4-pole Stainless steel 1.4404 (V4A) Art-No. 7005 - M8 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





Product may differ from Image



Cable length

Side 1 Tightening torque

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: 2024-05-19

10 m

0,4 Nm

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Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
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	4048879320412
Packaging unit	1
Electrical data   Supply	
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
Installation   Connection	
	00 mm
Stripping length (jacket)	20 mm
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	

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Note on bending radius     Attention: Observe the permissable bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contornity     Product standard     DIN EN 61076-2-114 (M8)       Installation ( Cable wire arrangement     brown, black, blue, white     Contornity       Cable forpo     1     Jacket Color	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DIN EN 61076 2-114 (M8)       Insellation   Cable       wire arrangement     brown, black, blue, white       Cable Type     1       Cable Type     1       Jacket Color     black       Type of Certificate     cDRus       Arround stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weight     34,76 g/m       Material jacket     PVC       Stranding (glocket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (glocket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (glocket)     4.8 m       Tolerance outer diameter (sheatth)     1.5 %       Material insulation     PVC       Stroe hardness wire insulation     1.25 mm       Outer diameter (sheatth)     1.5 %       Material insulation     1.5 %       Material properties wire insulation     1.5 %       Material wire insulation     4.5 5 Shore D       Material vire insulation     1.5 %       Material ropoperties wire insulation     1.6 %	Note on bending radius	
Installation (Cable       wire arrangement     brown, black, blue, white       Cable identification     611       Cable Type     1       Jacket Color     black       Type of Certificate     CURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weight     34,75 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     48 mm       Tolerance outor diameter (jacket)     4,8 mm       Tolerance outor diameter (jacket)     4,8 mm       Outer diameter isulation     PVC       Anount wires     4       Outer diameter isulation     1,25 %       Shore hardness wire insulation     1,5 %       Material properties wire insulation     1,5 %       Material properties wire insulation     1,5 %       Material properties wire insulation     1,5 %       Shore hardness wire insulation     1,5 %       Material properties wire insulation     1,5 %       Material prope	Conformity	
wire arrangementbrown, black, blue, whiteCable derification611Cable Type1Cable Type1Jacket ColorblackType of CertificatiecURusArnout stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weight34,76 g/mMaterial JacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material JacketPVCAmount wires4Outer diameter insulationPVCAmount wires4Outer diameter insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Material aver insulation± 5 %Outer diameter insulation± 5 %Shore hardness wire insulation14Diameter of single wires0,15 mmConductor type (wire)\$ 25 mm²Material conductor wire\$ 17 mm2Conductor type (wire)\$ 25 mm²Material conductor wire\$ 17 mm2Conductor type (wire)\$ 25 mm²Material conductor wire\$ 17 mm2Conductor type (wire)\$ 14 mm2Diamed copacity (st	Product standard	DIN EN 61076-2-114 (M8)
Cable identification     611       Cable identification     611       Cable identification     URus       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weight     34,76 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)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Outer diameter (jacket)     4.75 %       Material wre insulation     PVC       Amount writes     4       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm       Outer diameter insulation     45 ± 5 Shore D       Material properties wire insulation     45 ± 5 Shore D       Material properties wire insulation     162 ± 5 %       Shore hardness wire insulation     162 ± 5 Shore D       Material properties wire insulation     162 ± 5 %       Shore	Installation   Cable	
Cable identification     611       Cable identification     611       Cable identification     URus       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weight     34,76 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)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Outer diameter (jacket)     4.75 %       Material wre insulation     PVC       Amount writes     4       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm       Outer diameter insulation     45 ± 5 Shore D       Material properties wire insulation     45 ± 5 Shore D       Material properties wire insulation     162 ± 5 %       Shore hardness wire insulation     162 ± 5 Shore D       Material properties wire insulation     162 ± 5 %       Shore	wire arrangement	brown black blue white
Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires wistedwire arrangementbrown, black, blue, whiteCable weight34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmum-free, CFC-free, silicone-freeOuter-diameter (jacket)4.8 mmTolerance outer diameter (sheath)± 5 %Material properties wire insulationPVCOuter diameter or insulation1.25 mmOuter diameter or insulation1.25 mmOuter diameter site insulation9.00 machinabilityIngredient field site insulation9.00 machinabilityIngredient field site insulation9.00 machinabilityIngredient field site insulation9.00 machinabilityIngredient free cadmium-free, CFC-free, silicone-freeAmount wires4Amount strands (wire)14Conductor crossection (wire)0.25 mm²Conductor type (wire)Strand class 5Nominal voltage Koma.300 VCurrent load capacity (standard)10 DIN VDE 0298-4Current load capacity (standard)10 DIN VDE 0298-4Current load capacity (standard)20 VCAc withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire) $30$ °COperating temperature (static) $-30$ °CAc wi		
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arangementbrown, black, blue, whiteCable weight34,76 g/mMaterial JacktPVCShore hardness jacket85 $\pm$ 5 Shore AFreedom from ingredients (jacket)lead-tree, cadmium-free, CFC-free, silicone-freeOuter-diameter (glockt)4.8 mmTolerance outer diameter (sheath) $\pm$ 5 %Material jacktPVCShore hardness wire insulationPVCAmount wires4Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Material groepties wire insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Call conductor wire $\pm$ 5 %Call conductor wire $\pm$ 5 %Conductor Coressection (wire) $2.5  mn^2$ <td></td> <td></td>		
Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     34,76 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)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter insulation     45 ± 5 Shore D       Material wire insulation     45 ± 5 Shore D       Material wire insulation     45 ± 5 Shore D       Material properties wire insulation     14       Diameter tolerance core insulation     lead-free, cadmium-free, CFC-free, silicone-free       Anount strands (wire)     0.15 mm       Conductor crosssection (wire)     0.25 mm <sup>2</sup> Material freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     0.15 mm       Con		
Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weight   34, 76 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)   4.8 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter insulation   4.5 ± 5 Shore D     Shore hardness wire insulation   4.5 ± 5 Shore D     Material properties wire insulation   4.5 ± 5 Shore D     Material properties wire insulation   164 ± 5 ± 5     Ingredient freeness wire insulation   164 ± 5 ± 5     Diameter of single wires   0,15 mm     Conductor rossection (wire)   0,25 mm <sup>2</sup> Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Stranded copper wire, bare     Conductor type (wire)		
Stranding 4 wires twisted   wire arrangement brown, black, blue, white   Cable weight 34,76 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-tree, cadmium-tree, CFC-tree, silicone-tree   Outer-diameter (jacket) 4,8 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Armount wires 4   Outer diameter (sheath) ± 5 %   Shore hardness wire insulation 1.25 mm   Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation good machinability   Ingredient freeness wire insulation good machinability   Ingredient freeness wire insulation 0.15 mm   Conductor wire Stranded copper wire, bare   Conductor wire Strande dcopper wire, bare   Conductor wire Strande dcopper wire, bare   Conductor wire 3,6 A   Electrical resistance line constant wire 79 Ω/km @ 20 °C   AC wires diameter (wire) 2 k/ Ø @ 60 s   Power frequency withstand voltage (wire - wire) 2 k/ Ø @ 60 s   Power frequency withstand voltage (wire - wire) 2 k/ Ø @ 60 s   Power frequency withstand voltage (wire - greq 30 °C		
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Cable weight 34,76 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) 4.8 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Amount wires 4   Outer diameter tolerance core insulation 1.25 mm   Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 45 ± 5 Shore D   Material properties wire insulation god machinability   Ingredient freeness wire insulation god machinability   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free   Amount strands (wire) 14   Diameter of single wires 0.15 mm   Conductor rossection (wire) 0.25 mm²   Material conductor wire Stranded copper wire, bare   Conductor type (wire) Strand class 5   Nominal voltage AC max. 300 V   Current load capacity min. wire 3,6 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 - god °C   AC withstand voltage (wire - wire)	-	
Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-tree, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance out/e diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter tolerance out/e tolera		
Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties wire insulation     god machinability       Ingredient freeness wire insulation     god machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0,15 mm       Conductor rosssection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     Strande cosper wire, bare       Conductor type (wire)     Strande cospe s       Nominal voltage AC max.     300 V       Current load capacity standard)     to DIN VDE 0298-4       Current load capacity win. wire     3.6 A       Elec	5	
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Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 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)     14       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     Strand class 5       Nominal voltage AC max.     300 V       Current load capacity min. wire     3,6 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)     -30 °C       Max. operating temperature (static)     -30 °C       Max. operating temperature (static)     -5 °C       Operating temperature min. (dynamic)     -5 °C       Operating temperature max. (dynamic)     80 °C		
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Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)-30 °CMax. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)80 °C		
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Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °C		Strand class 5
Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)80 °C	Nominal voltage AC max.	300 V
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		to DIN VDE 0298-4
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	Current load capacity min. wire	3,6 A
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	Electrical resistance line constant wire	79 Ω/km @ 20 °C
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	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °C		2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C   Operating temperature max. (dynamic) 80 °C	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C	Max. operating temperature (fixed)	80 °C
	Operating temperature min. (dynamic)	-5 °C
UV resistance DIN EN ISO 4892-2 A	Operating temperature max. (dynamic)	80 °C
	UV resistance	DIN EN ISO 4892-2 A
Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2	Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance Good, application-related testing	chemical resistance	Good, application-related testing
Gasoline resistance Good, application-related testing	Gasoline resistance	Good, application-related testing
Oil resistance DIN EN 60811-404   Good, application-related testing	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic) 10 x Outer diameter	Bending radius (dynamic)	10 x Outer diameter

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: 2024-05-19

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