

## Y-Distributor M8 male / M8 female 0° A-cod.

PVC 3x0.25 ye UL/CSA 0.3m

Y-connector M8 – M8, 4/3-pole Male straight – females straight

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

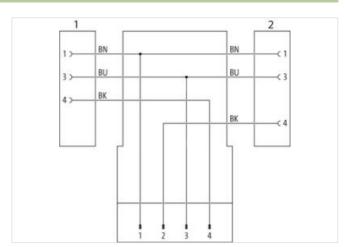
The resistance to aggressive media should be individually tested for your application. Further details on request.

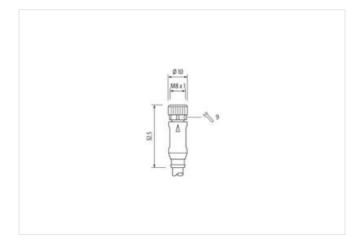
Further cable lengths on request.

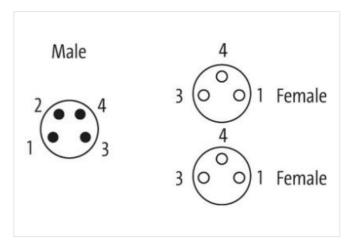
## **Link to Product**

## Illustration



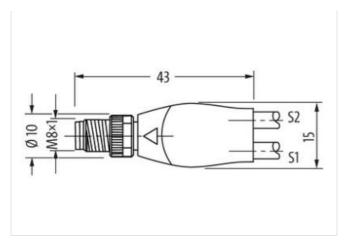








stay connected



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
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Thread	M8 x 1
Side 3	
Mounting method	inserted, screwed
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060313
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909043073
Packaging unit	1
Electrical data   Supply	



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Spending voltage AC (LI-listed)   30 V		
Spenstring voltage DC (UL-listed)	Operating voltage AC max.	50 V
December   Section   Sec		
Device protection   Electrical  Device protection   Device    Device protection		
Device protection [Existed 50520] IP65, IP67, IP68, IP68K  Additional condition protection degree inserted, screwed  Polution Degree 3  Alterial surgery exitage 1, 5 kV  Machanical data   Material data   Cooling screw coaling incident place   FMM  Material group (IFC 50654-1)   I  Machanical data   Material data   Cooling screw coaling incident place   FMM  Material group (IFC 50654-1)   I  Machanical data   Material data   Cooling screw coaling incident place   FMM  Material pla		
Degree of protection (EN IEC 60529)	Current operating per contact max.	4 A
Additional condition protection degree inserted, screwed Pollution Degree 3 S S S S S S S S S S S S S S S S S S	Device protection   Electrical	
Aladed surpo voltage of 1,5 kV  Aladed surpo voltage of 1,5 kV  Mechanical data   Material data    Mechanical data   Material data    Doubling locking mut motival plated motival gastet    Mechanical data   Material data    Doubling order voltage of 1,5 kV    Mechanical data   Material data    Doubling dashet   FKM    Mediarial bousing   PUR    Doubling mut material   Zinc die easting    Doubling material sorew   Brass    Mechanical data   Mounting data    Doubling material sorew   Brass    Mechanical data   Mounting data    Mechanical data   Mounting data    Mechanical data   Mounting data    Mounting method   Inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Diperating temperature max.   85 °C    Meditional condition temperature range   depending on cable quality    Important installation notes    Note on stain rise    Note on bending radius    Attention: Channe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity    Product standard   Installation    Conformity    Product standard   Installation    Datable identification   010    Da	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rated surge voltage 1,5 kV  Atterial group (EC 90864-1) I  Atterial group (EC 90864-1) I  Coating locking mut nickel plated	Additional condition protection degree	inserted, screwed
Mechanical data   Material data   Mechanical data   Mech	Pollution Degree	3
Mochanical data   Material d	Rated surge voltage	1,5 kV
Coating locking nut nicket plated not plat	Material group (IEC 60664-1)	I
ncicking screw coating not material gasket FKM Auterial pasket FKM	Mechanical data   Material data	
Material pasket PKM  Material housing PUR  Cocking material screw Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 45 °C  Additional condition temperature max 45 °C  Mounting method 50 °C  Mounting method 50 °C  Mounting method 60 °C  Operating temperature max. 65 °C  Moditional condition temperature may 65 °C  Moditional condition temperature max. 65 °C  Motion on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Material paradius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard International Inter	Coating locking nut	nickel plated
Material housing PUR Zinc die-casting Zinc die-casting Zinc die-casting Zinc die-casting Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 2-5° C Opperating temperature max. 85° C Additional condition temperature range depending on cable quality Important Installation notes  Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Todical standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 010  Cable Type 1  Lakekt Color yellow  Type of Certificate cURus  Amount stranding 1  Savies twisted  Wire arrangement brown, black, blue  Zable weigh 29,37 gm Meterial jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from Impredients (jacket) 1.25 mm  Duter diameter (jacket) 4.5 mm  Duter diameter (iacket) 1.25 mm  Duter diameter insulation 94 ± 5 %  Meterial wire insulation 94 ± 5 %  Meterial wire insulation 94 ± 5 %  Meterial protein insulation 94 ± 5 % Shore D  Meterial reflected insulation 94 ± 5 Shore D  Meterial reflected insulation 94 free, cadmium-free, CFC-free, silicone-free  Duter diameter reflected insulation 94 ± 5 Shore D  Meterial reflected insulation 95 meterial 95 shore 96 metalings wire insulation 95 metalings wire insulation 95 metalings wire insulation 95 metalings wire insulation 95 metalings in protein insula	Locking screw coating	nickel plated
cocking nut material Zinc die-casting Brass  Mechanical data   Mounting data   Mounting data   Mounting data   Mounting method   Inserted, screwed, Shaking protection  Environmental characteristics   Climatic   Operating temperature min.   25 °C   Operating temperature max.   85 °C   Operating temperature max.   85 °C   Operating temperature max.   85 °C   Operating temperature max.   95 °C   Operating temperature	Material gasket	FKM
Moching metrial screw  Moching metriad is   Mounting data  Mounting metrod  Inserted, screwed, Shaking protection  Inserted, screwed, Shaking protection  Ferviornmental characteristics   Climatic  Deparating temperature min.  Deparating temperature max.  S5 °C  Deparating temperature max.  S5 °C  Additional condition temperature range  Important installation notes  Wote on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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  Label display   1  Lacked Color   yellow    Lapel alcked Color	Material housing	PUR
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic   Deparating temperature min.	Locking nut material	Zinc die-casting
Environmental characteristics   Climatic  Deparating temperature min.  -25 °C  Deparating 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.  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  Cable identification 010  Cable Type 1  Lacket Color yellow  Type of Certificate CURus  Amount stranding 1  Stranding 3 wires twisted  Wire arrangement brown, black, blue  Cable wighth 29.37 g/m  Adderfial jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter diameter (speket) 1.25 mm  Duter diameter (speket) 2.5 m PVC  Altertian viron ingredients (jacket) 1.25 mm  Duter diameter insulation 45 ± 5 Shore D  Material perfects wire insulation 45 ± 5 Shore D  Material perfects wire insulation 46ad-free, cadmium-free, CFC-free, silicone-free  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation 46ad-free, cadmium-free, CFC-free, silicone-free  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D	Locking material screw	Brass
Environmental characteristics   Climatic  Operating temperature min.	Mechanical data   Mounting data	
Sperating 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Conformity  Cable identification   DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification   010  Cable Type   1  Cable IVPP   1  Cable identification   010  Cable IVPP   01  Cable identification   010  Cable IVPP   02  Cable weight   29,37 g/m  Material jacket   PVC  Cable weight   29,37 g/m  Material jacket   PVC  Cuter-diameter (jacket)   85 ± 5 Shore A  Teredom from ingredients (jacket)   12 mg/d  Cable IVPP   1 mg/d  Caterial wire insulation   PVC  Attendanter (jacket)   4,5 mm  College and ingredients (jacket)   4,5 mm  College and ingredie	Mounting method	inserted, screwed, Shaking protection
Additional condition temperature max.  Additional condition temperature max.  Additional condition temperature range  depending on cable quality  Important installation notes  Vote on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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  Cable identification  O10  Cable Type  1  Lacket Color  yellow  Yupe of Certificate  cURus  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Cable weigh  29,37 g/m  Material jacket  PVC  Shore hardness jacket  85 ± 5 Shore A  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, silicone-free  Juder diameter (sheath)  Le5 mm  Duter diameter lolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  45 ± 5 Shore D  Material properties wire insulation  Agency and the surface of the cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free	Environmental characteristics   Climatic	- ·
Additional condition temperature max.  Additional condition temperature max.  Additional condition temperature range  depending on cable quality  Important installation notes  Vote on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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  Cable identification  O10  Cable Type  1  Lacket Color  yellow  Yupe of Certificate  cURus  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Cable weigh  29,37 g/m  Material jacket  PVC  Shore hardness jacket  85 ± 5 Shore A  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, silicone-free  Juder diameter (sheath)  Le5 mm  Duter diameter lolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  45 ± 5 Shore D  Material properties wire insulation  Agency and the surface of the cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free  Material properties wire insulation  Agency and the surface, cadmium-free, CFC-free, silicone-free	Operating temperature min.	-25 °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.  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  Cable identification 010  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Amount wires 3  Duter diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Duter diameter insulation 45 ± 5 5 hore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
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Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 010  Cable Type 1  Cacket Color yellow  Installation Stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Caller wire insulation 1,25 mm  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		endangered by excessive hending forces
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Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  Wrie arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient free, cadmium-free, CFC-free, silicone-free  Material properties wire insulation good machinability  Ingredient free, cadmium-free, CFC-free, silicone-free	Conformity	chadigated by excessive bending forces.
Cable Type 1 Jacket Color yellow  Type of Certificate cURus  Amount stranding 1 Stranding 3 wires twisted  wire arrangement brown, black, blue Cable weigth 29,37 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) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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		
Acket Color  yellow  Type of Certificate  CURus  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Cable weigth  29,37 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)  4,5 mm  Tolerance outer diameter (sheath)  45 %  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free	Conformity Product standard	
Acket Color  yellow  Type of Certificate  CURus  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Cable weigth  29,37 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)  4,5 mm  Tolerance outer diameter (sheath)  45 %  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free	Conformity Product standard	DIN EN 61076-2-114 (M8)
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,37 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) 4,5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 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	Conformity Product standard Installation   Cable Cable identification	DIN EN 61076-2-114 (M8) 010
Stranding 3 wires twisted  wire arrangement brown, black, blue  29,37 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) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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	Conformity Product standard Installation   Cable	DIN EN 61076-2-114 (M8)  010 1
brown, black, blue  29,37 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) 4,5 mm  Folerance outer diameter (sheath)  4 ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 25 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation Ingredient freeness wire insulation I	Conformity Product standard Installation   Cable Cable identification Cable Type	DIN EN 61076-2-114 (M8)  010  1  yellow
29,37 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) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color	DIN EN 61076-2-114 (M8)  010  1  yellow cURus
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) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate	DIN EN 61076-2-114 (M8)  010  1  yellow  cURus  1
Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	DIN EN 61076-2-114 (M8)  010  1  yellow cURus  1  3 wires twisted
Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)  4,5 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	DIN EN 61076-2-114 (M8)  010  1  yellow cURus  1  3 wires twisted brown, black, blue
Duter-diameter (jacket)  4,5 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  3  Duter diameter insulation  1,25 mm  Duter diameter tolerance core insulation  ± 5 %  Shore hardness wire insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability  ngredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	DIN EN 61076-2-114 (M8)  010  1  yellow  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m
Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	DIN EN 61076-2-114 (M8)  010  1  yellow  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC
Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	DIN EN 61076-2-114 (M8)  010  1  yellow cURus  1  3 wires twisted brown, black, blue 29,37 g/m PVC  85 ± 5 Shore A
Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	DIN EN 61076-2-114 (M8)  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
Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  ngredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Conformity  Product standard  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)	DIN EN 61076-2-114 (M8)  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
Duter 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	Conformity  Product standard  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)	DIN EN 61076-2-114 (M8)  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 %
Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  ngredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Conformity  Product standard  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)	DIN EN 61076-2-114 (M8)  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
Material properties wire insulation good machinability  ngredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Conformity  Product standard  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	DIN EN 61076-2-114 (M8)  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
ngredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Conformity  Product standard  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	DIN EN 61076-2-114 (M8)  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
	Conformity  Product standard  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	DIN EN 61076-2-114 (M8)  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 %
Amount strands (wire) 14	Conformity  Product standard  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	DIN EN 61076-2-114 (M8)  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
	Conformity  Product standard  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	DIN EN 61076-2-114 (M8)  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  good machinability

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



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 (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