

## M8 male 0° / M8 female 0° A-cod. shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 0.6m

Male straight – female straight M8 – M8, 3-pole shielded

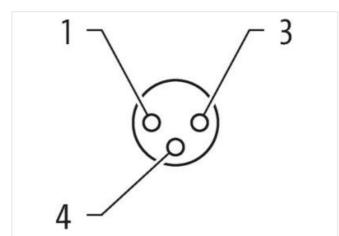
Plastic housings with good resistance against chemicals and oils.

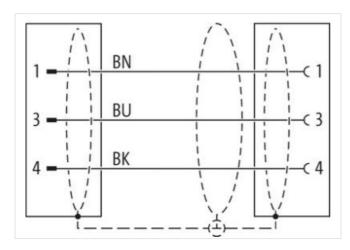
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

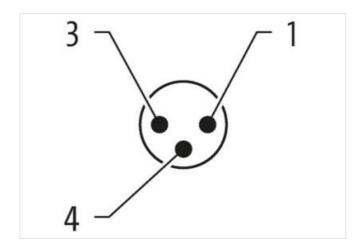
## **Link to Product**

## Illustration



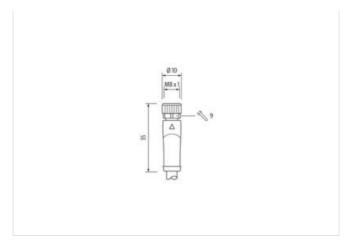


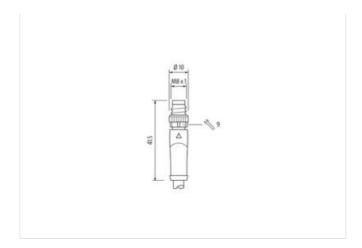






## stay connected





Product may differ from Image





Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Thread	M8 x 1
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	4048879386043
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
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed



stay connected

Rated surge voltage  Michanical for proce (ITC 00064 1)  Michanical for Michanical Material data  Coalife picking  Michanical Inferential councy  Locking material  Decking material  Protect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.  Note on strain relief  Protect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.  Note on strain relief  Protect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.  Note on strain relief  Protect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.  Note on strain relief  Protect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.  Note on strain relief  Decking material protection onces  Dec	Pollution Degree	3
Mechanical data   Material data   Material data   Material data   Material data   Material data   Material at a land and a land		
Mechanical data   Material data         Nickeled           Costing looking         Nickeled           Mediatrial housing         PUR           Locking related         Zinc dis-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climater         Deparating temperature min.           Operating temperature max.         85 °C           Additional condition temperature max.         86 °C           Additional condition temperature max.         86 °C           Additional condition temperature max.         86 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.           Note on barding radius         Abention: Observe the permissible bunding radii when laying cables, as the IP Protection class can be endangered by excessive benefing forces.           Conformity         Product standard         DIN EN 61078-2-114 (M8)           Installation   Cable         Development   Second Product   Second		·
Coating tocking Nuterial Nouning PUR  Locking material 2nd exasting  Mechanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 45 °C  Operating t		
Material housing         PUR           Locking naterial         Zinc de casting           Mechanical distal Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatics   Comments   Coperating insepreture min.         -25 °C           Operating insepreture min.         -25 °C           Operating insepreture max.         85 °C           Additional condition temperature may.         45 °C           Mode on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.           Nate on bending radius         Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded by excessive bending radii when laying cables, as the IP protection class can be endergraded protection.           Cohortical College of the Connection of the College of the Connection of the College o	·	
Decising material   Michael Mounting data   Mounting data   Mounting material   inserted, screwed, Shaking protection		
Mounting method insorted, screwed, Shaking protection  Functionmental characteristics   Climatic  Operating temperature min.  Operating temperature min.  Operating temperature min.  Operating temperature min.  Operating temperature may.  SS °C  Additional condition temperature range  depending on cable quality  Important installation notes  Note on strain relief  Note on bending radius  Attention: Observe the permissibile 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 (MB)  Installation   Cable  wire arrangement  Drown, black, blue  Cable identification  240  Cable identification  240  Cable identification  10   Stranding  11   Stranding  3 wires lwisted  Cable is shelding (poverage)  80 %  Bancing  Proce, Foll  Wire arrangement  Cable indentification  Cable indentification  240  Cable indentification  3 wires lwisted  Cable indentification  440  Cable indentification  5   Stranding  3 wires lwisted  Cable indentification  Cable indentification  440  Cable indentification  5   Stranding  3 wires wisted  Cable indentification  Cable indentification  440  Cable indentification  5   Stranding  440  Cable indentification  Foliance (Foliance)		
Mounting method inserted, scrowed, Shaking protection  Environmental characteristics   Climatic  Operating temperature mina. 25 °C  Additional condition temperature max. 85 °C  Additional condition temperature max. 95 °C  Additional condition temperature max. 95 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on sharin relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable files.  Note on bending radius Aftertion. Observe the permissible bendring radii when laying cables, as the IP protection class can be endangered by excessive bendring forces.  Conformity  Product standard DIN EN 61076-2-114 (MB)  Installation   Cable  Installation	Locking material	Zinc die-casting
Privionemental characteristics   Climatic   Coperating temperature max.   25 °C   Coperating temperature max.   85 °C   Additional condition temperature range   depending on cable quality     (Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Note on barding radius   Aftention: Observe the permissible banding radii when laying cables, as the IP protection class can be endanged by excessive bending forces.   Product standard   DIN EN 61076-2-114 (M8)     (Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Note on bending radii when laying cables, as the IP protection class can be endanged by excessive bending forces.   Product standard   DIN EN 61076-2-114 (M8)     (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)     (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)     (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)     (Protectors the permissible banding radii when laying cables, as the IP protection class can be endanged by excessive bending forces.   Product standard   Product standard   Provention of	Mechanical data   Mounting data	
Operating temperature min.         .25 ° C           Operating temperature max.         85 ° C           Additional condition temperature may.         65 ° C           Additional condition temperature may.         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bonding radius         Attention: Obscience 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 (Mg)           Installation   Cable         Installation   Cable           wire arrangement         brown, black, blue           Cable (Installation)         240	Mounting method	inserted, screwed, Shaking protection
Poperating temperature max. 85 °C depending on cable quality depending on cable quality morporatin installation notes with the protection temperature range depending on cable quality morporatin 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    Were arrangement brown, black, blue  Cable identification 240  Cable identification	Environmental characteristics   Climatic	
Additional condition temperature range lepending on cable quality linportant installation notes  Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee. 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    wire arrangement brown, black, blue   Cable identification   240   Ca	Operating temperature min.	-25 °C
Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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         IVEN 61076-2-114 (MS)           Product standard         DIN EN 61076-2-114 (MS)           Installation Cable         Wise arrangement         Drown, black, blue           Cable identification         240         Cable control of cable (Cable Type)         3           Jacked Color         gray         3         3         4           Type of Certificate         cURUs         4         4         4           Amount stranding         1         1         5         5         5         5         6         6         5           Earding         3 wires twisted         6         5         8         6         7	Operating temperature max.	85 °C
Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bending radius         Attention: Osserve 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           wive arrangement         brown, black, blue           Cable identification         240           Cable Oryoe         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, timed           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigh         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacker)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (relacket)         5 m           Outer diameter insulation         1.25 mm	Additional condition temperature range	depending on cable quality
Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bending radius         Attention: Osserve 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           wive arrangement         brown, black, blue           Cable identification         240           Cable Oryoe         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, timed           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigh         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacker)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (relacket)         5 m           Outer diameter insulation         1.25 mm	Important installation notes	
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Conformity         Conformity           Product standard         DIN EN 61076-2-114 (M8)           Installation Cable           wire arrangement         brown, black, blue           Cable dentification         240           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, finned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weight         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 m           Tolerance outer diameter (sheath)         5 %           Material wire insulation         PP           Amount wires         3           Outer diameter trolerance core insulation         1,25 mn           Outer diameter trolerance core insulation         70 ± 5 Shore D           I	Note on strain relief	
Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable           wire arrangement         brown, black, blue           Cable Identification         240           Cable Type         3           Jacket Color         gray           Type of Corrificate         UFUs           Amount stranding         1           Stranding         3 vires twisted           Cable shielding (type)         coppore braid, inned           Cable shielding (type)         coppor braid, inned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weight         44 gm           Material jacket         PUR           Shore Andress jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 m           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         7 ± 5 Shore D	Note on bending radius	
Installation   Cable           wire arrangement         brown, black, blue           Cable (dentification)         240           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, finned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigth         44 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Freedom from ingredients (jacket)         90 ± 5 Shore A           Freedom from ingredients (jacket)         1 sead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         P.P           Amount wires         3           Outer diameter Insulation         1,25 mm           Outer diameter Insulation         1,25 mm           Outer diameter Insulation         70 ± 5 Shore D           Ingredient fre	Conformity	
wire arrangement         brown, black, blue           Cable identification         240           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, thined           Cable shielding (coverage)         80 %           Bandling         Fleece, Foil           wire arrangement         brown, black, blue           Cable weight         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         25 Shore D           Ingredient freeness wire insulation         10 5 Shore D           Ingredient freeness wire insulation         10 5 Shore D           Ingredient freeness wire insulation <td< td=""><td>Product standard</td><td>DIN EN 61076-2-114 (M8)</td></td<>	Product standard	DIN EN 61076-2-114 (M8)
Cable Identification         240           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foll           wire arrangement         brown, black, blue           Cable weight         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 m           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 m           Outer diameter insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         10 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter o	Installation   Cable	
Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigth         44 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Ingredient freeness wire insulation         10 ± 5 Shore D           Ingredient	wire arrangement	brown, black, blue
Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     Cable shielding (type)   copper braid, tinned     Cable shielding (coverage)   80 %     Banding   Fleece, Foil     wire arrangement   brown, black, blue     Cable weigh   44 g/m     Material jacket   PUR     Shore hardness jacket   90 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter (sheath)   ± 5 %     Shore hardness wire insulation   1,25 mm     Outer diameter tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Amount wires   3     Outer diameter tolerance core insulation   1,25 mm     Outer diameter diameter (sheath)   1,25 mm     Outer diameter d	Cable identification	240
Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigth         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         4 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         42           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Mat	Cable Type	3
Amount stranding         1           Stranding         3 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foll           wire arrangement         brown, black, blue           Cable weigth         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (glacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         10 ± 5 Shore D           Ingredient freeness wire insulation         ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Curre	Jacket Color	gray
Stranding 3 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue  Cable weigth 44 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Atterial wire insulation PP  Amount wires 3  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation 1 ead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer diameter tolerance core insulation 2 ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 (standard) to DIN VDE 0298-4  Current load capacity min. wire 6	Type of Certificate	cURus
Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigth         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ±5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Ingredient freeness wire insulation         1,25 shore D           Ingredient freeness wire insulation         1,25 shore D           Ingredient freeness wire insulation         1,25 shore D <td>Amount stranding</td> <td>1</td>	Amount stranding	1
Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue           Cable weigth         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Ingredient freeness wire insulation         40 ± 5 Shore D           Ingredient freeness wire insulation         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare	Stranding	3 wires twisted
Banding Fleece, Foil wire arrangement brown, black, blue Cable weigth 44 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PP Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² 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 6 A	Cable shielding (type)	copper braid, tinned
wire arrangement brown, black, blue  Cable weigth 44 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter tolerance core insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Cable shielding (coverage)	80 %
Cable weight         44 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           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         6 A	Banding	Fleece, Foil
Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	wire arrangement	brown, black, blue
Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Cable weigth	44 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ±5 %  Material wire insulation PP  Amount wires 3 Outer diameter insulation 1,25 mm  Outer diameter insulation ±5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Material jacket	PUR
Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ±5 %  Material wire insulation PP  Amount wires 3 Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ±5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² 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 6 A	Outer-diameter (jacket)	5 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² 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 6 A	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,34 mm²         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       6 A	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Amount wires	3
Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A		· · · · · · · · · · · · · · · · · · ·
Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Shore hardness wire insulation	70 ± 5 Shore D
Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  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 6 A	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,34 mm²  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 6 A	Amount strands (wire)	
Conductor crosssection (wire) 0,34 mm²  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 6 A		0,1 mm
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 6 A		0,34 mm²
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 6 A	Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A	Conductor type (wire)	
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A		
Current load capacity min. wire 6 A		
		57 Ω/km @ 20 °C

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: 2024-05-20



AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min