

## M12 male 0° / M8 female 0° A-cod. shielded

PUR 4x0.34 shielded gy UL/CSA+drag ch. 2m

Male straight – female straight M12 – M8, 4-pole shielded

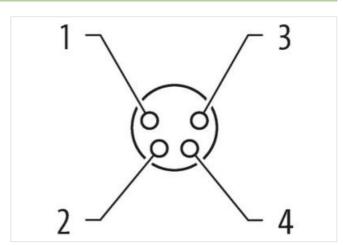
Plastic housings with good resistance against chemicals and oils.

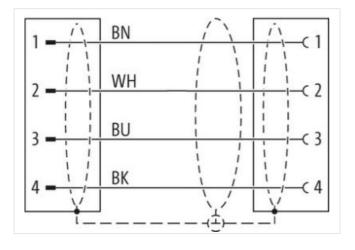
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

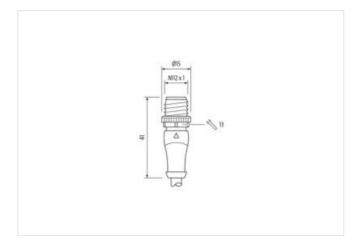
## **Link to Product**

## Illustration



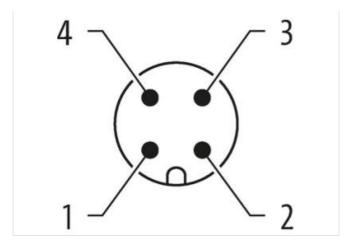


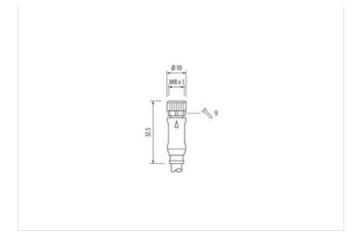






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Product may differ from Image











Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Coding	A
Material	PUR
No. of poles	4
Width across flats	SW9
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	4048879556620

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: 2024-05-05



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Electrical data   Supply	Packaging unit	1
Operating voltage DC max.   60 V   Operating voltage AC (UL-listed)   30 V   Operating voltage AC (UL-listed)	Electrical data   Supply	
Operating voltage DC max.   60 V   Operating voltage AC (UL-listed)   30 V   Operating voltage AC (UL-listed)	Operating voltage AC may	50 V
Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage for Cult-listed AC		
Operating variety of DC (ULL instenct)         30 Y           Current operating per content mix.         4 A           Degree of potection (EN IEC 60529)         IPES, IPES, IPES, IPES, IPES, IPES           Degree of potection (EN IEC 60529)         IPES, IPE		
Current operating per contact max.         4 A           Device protection Electrical           Degree of protection (SN LEC 65059)         IP65, IP67, IP68, IP68K           Additional condition protection degree         incented, screwed           Additional Condition protection degree         incented, screwed           Mechanical datal Material datal         Incented protection (SM Color)           Coating flocking         Nickled           Cooking material         Zinc die-casting           Mechanical datal Mounting data         Insented, screwed, Shaking protection           Merchanical datal Mounting data         Insented, screwed, Shaking protection           Environmental characteristics   Climatic         Protection of the casting protection           Pervironmental characteristics   Climatic         STC           Operating temperature max.         25 °C           Operating temperature max.         28 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ises.           Note on banding radius         Affection: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         June 1076-2-10 (M12), D		
Device protection   Electrical         IP65, IP67, IP68, IP60K           Degree of protection (EN IEC 60529)         IP65, IP67, IP68, IP60K           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Material group, IEC 80664-1)         I           Coasing locking         Nickeled           Locking material         Zinc de-casting           Mechanical data   Munting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Properating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           important installation notes         Note on strain relief           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable flees.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard           Translation Cable         241           Cable righting (cable)         3           Sacked Color         gray           Type of Certificate         cJPius		
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Material group (IEC 60664+1) I Mechanical data   Material data Cashing locking material 2inc de-cashing   Mechanical data   Mounting data Muniting method inserted, screwed, Shaking protection Environmental characteristics   Climatic Pervironmental characteristics   Climatic Pervironmental characteristics   Climatic Operating temperature min.		TA
Additional condition protection degree   inserted, screwed   Pollution Degree   3   Material group (IEC 60684-1)   1    Nechanical data   Material data   Coating looking   Nickeled   Coding material   Ziro de-casting   Mechanical data   Mounting data   Mucuning method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Coperating temperature max.   25 °C   Coperating temperature max.   38 °C   Additional condition temperature range   depending on cable quality   Important installation notes   Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanged by excessible bending forces.   Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Institution   Cable Carlificate   Cable institution   241   Cable in Type   3   Sucked Color   gray   Type of Certificate   Cultus   Amount stranding   1   Stranding   4 Wires twisted   Cable shelding (type)   cooper trait, timed   Cable shelding (type)   cooper trait, timed   Cable shelding (coverage)   88 °C   Banding   Fleece, Foil   Wire arrangement   brown, black, blue, whitle   Traversing distance (C-track)   5.5 °C   Touter diameter (shealth)   2.5 °C   Material plack   PIR   Stranding   PIR   Stranding   PIR   Stranding   Stranding (speed)   5.5 °C   Material wire insulation   7.5 °C Store D    Wire diameter insulation   1.25 From   Outer diameter to insulation   2.5 °C   Outer diameter to insulation   7.5 °C Store D		
Pollution Degree   3		
Material group (IEC 60864-1)  Mechanical data   Material data  Coating locking material Zimo die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climate  Coperating temperature min.		·
Mechanical data   Material data   Nickeled   Cocking material   Zino dise casting	-	
Coating locking         Nickeled           Locking material         Zinc die-casting           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         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         Veroduct standard         DIN EN 81078-2-101 (M12), DIN EN 81076-2-114 (M8)           Installation   Cable         Veroduct standard         DIN EN 81078-2-101 (M12), DIN EN 81076-2-114 (M8)           Installation   Cable (Installation)         241         Cable installation (Installation)           Cable inflication         241         Cable installation (Installation)         Augustable value (Installation)           Installation   Cable (Installation)         241         Cable installation (Installation)         Augustable (Installation)           Strand	Material group (IEC 60664-1)	1
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °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.  Attentions: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable   Cable identification   241  Cable identification   241  Cable Color gray  Type of Certificate   current of Certificate	Mechanical data   Material data	
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climation           Environmental characteristics   Climation         25° C           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.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         241           Cable defillication         241           Cable defillication         241           Cable Type         3           Jacket Color         gray           Type of Certificate         cURUs           Amount stranding         1           Stranding         4 wires twisted           Cable shielding (type)         copper braid, timed           Cable shielding (type)         copper braid, timed           Banding         Fleece, Foil           Wire arrangement         brown, black, blue, w	Coating locking	Nickeled
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 Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation   Cable Cable identification 241 Cable Type 3 Jacket Color gray Type of Cartificate Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) Cable shielding (type) Cable shielding (type) Cable shielding (coverage) 80 % Banding Fleece, Foll wire arrangement brown, black, blue, white Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weight Freedom from ingredients (jacket) Freedom from ingredients (gacket) Freedom from ingredients (gacket) Freedom from ingredients (spacket) Freedom from	Locking material	Zinc die-casting
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 Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation   Cable Cable identification 241 Cable Type 3 Jacket Color gray Type of Cartificate Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) Cable shielding (type) Cable shielding (type) Cable shielding (coverage) 80 % Banding Fleece, Foll wire arrangement brown, black, blue, white Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weight Freedom from ingredients (jacket) Freedom from ingredients (gacket) Freedom from ingredients (gacket) Freedom from ingredients (spacket) Freedom from	Mechanical data   Mounting data	
Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max85 °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 ites.  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 81076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation   Cable Cable Identification   241 Cable Identification   241 Cable Identification   241 Cable Officate   Culfus Amount stranding   1 Stranding   4 wires twisted   4 Cable shielding (type)   50 % Banding   Fleece, Foll wire arrangement   50 % g/m   wire arrangement   50 % g/m   wire arrangement   50 % g/m   Material jacket   PUR Shore hardness jacket   Freedom from ingredients (facket)   5,3 mm Tolerance outer diameter (sheath)   25 % Amount wires   4 Outer diameter (sinsulation   70 ± 5 Shore D		inserted, screwed. Shaking protection
Operating temperature min. 925 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification 241  Cable Type 3  3.  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleec, Foll  wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigh 50,6 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) 125 mm  Outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 125 Shore D		
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification 241  Cable Color gray Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted Cable shielding (type) copper braid, finned Cable shielding (type) copper braid, finned Cable shielding (coverage) 80 %  Bandring Fleece, Foil  wire arrangement brown, black, blue, white Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weight 50,6 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) 5,3 mm Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation ± 5 Shore D	· ·	
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 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 241  Cable identification 241  Cable identification 241  Stranding 1  Stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foll  wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable wight 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) ± 5 %  Material jacket PP  Amount wires 4  Outer diameter (selatation 1,25 mm  Outer diameter isulation 1,25 mm  Tous Fandings wire insulation 5 70 ± 5 Shore D		
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         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         241           Cable identification         241           Cable identification         241           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue, white           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weight         50.6 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         Lead-free, cadm		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 241  Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil  wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @25 °C   horizontal  Cable wight 50,6 g/m  Material jacket PUR  Shore hardness jacket 99 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter tolerance core insulation 70 ± 5 Shore D	Additional condition temperature range	depending on cable quality
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 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification  241  Cable Type  3  Jacket Color  gray  Type of Certificate  Amount stranding  1  Stranding  4 wires twisted  Cable shielding (type)  Cable shielding (type)  Cable shielding (coverage)  80 %  Banding  Fleece, Foll  wire arrangement  brown, black, blue, white  Traversing distance (C-track)  5 m @ 25 °C   horizontal  Cable weigth  Shore hardness jacket  PUR  Shore for from ingredients (jacket)  Detartion of the production of	Important installation notes	
endangered by excessive bending facilis endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 241  Cable Type 3 3 Jacket Color gray Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weight Shore hardness jacket PUR  Shore hardness jacket  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (acket) 5,3 mm  Tolerance outer diameter (sheath) 4 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 2 5 Shore D	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 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable    Cable identification 241  Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weight 50,68 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 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 1,25 mm  Outer diameter source insulation 1,25 shore D	Note on bending radius	
Installation   Cable           Cable identification         241           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue, white           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weigth         50,6 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)         5,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter lolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D	Conformity	
Cable identification         241           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         80 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue, white           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weigth         50,6 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)         5,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %       Banding     Fleece, Foil       wire arrangement     brown, black, blue, white       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Cable weigth     50,6 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)     5,3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter riusulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D	Installation   Cable	
Jacket Color gray Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter rousulation 1,25 mm  Outer diameter tolerance core insulation 20 ± 5 Shore D	Cable identification	241
Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter rolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Cable Type	3
Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Jacket Color	gray
Stranding 4 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Type of Certificate	cURus
Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 80 %  Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Amount stranding	1
Cable shielding (coverage) 80 %  Banding Fleece, Foil  wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Stranding	4 wires twisted
Banding Fleece, Foil wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Cable shielding (type)	copper braid, tinned
wire arrangement brown, black, blue, white  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Cable shielding (coverage)	80 %
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Banding	Fleece, Foil
Cable weigth 50,6 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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	wire arrangement	brown, black, blue, white
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) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Traversing distance (C-track)	5 m @ 25 °C   horizontal
Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Cable weigth	50,6 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Material jacket	PUR
Outer-diameter (jacket) $5.3 \text{ mm}$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulation       PP         Amount wires       4         Outer diameter insulation $1,25 \text{ mm}$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $70 \pm 5 \text{ Shore D}$	Shore hardness jacket	
Tolerance outer diameter (sheath) $\pm 5\%$ Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation 70 $\pm 5$ Shore D	,	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation     PP       Amount wires     4       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D		
Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Tolerance outer diameter (sheath)	
Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Material wire insulation	PP
Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation $70 \pm 5$ Shore D	Amount wires	4
Shore hardness wire insulation 70 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Shore hardness wire insulation	

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: 2024-05-05



Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
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	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min