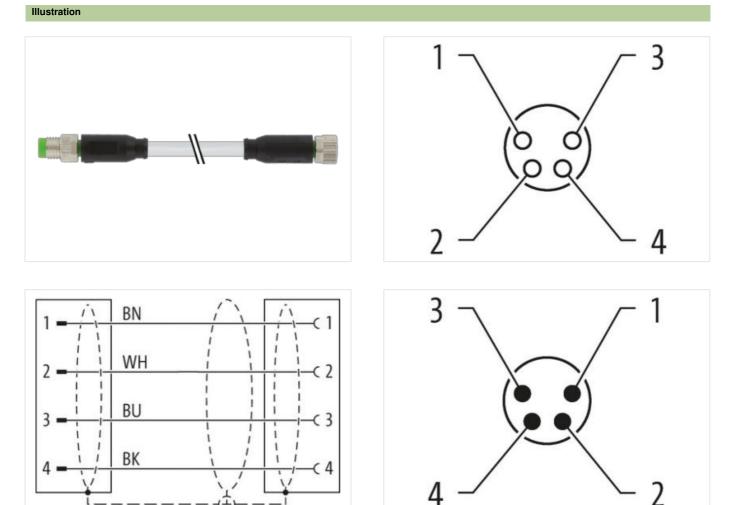


## M8 male $0^{\circ}$ / M8 female $0^{\circ}$ A-cod. shielded

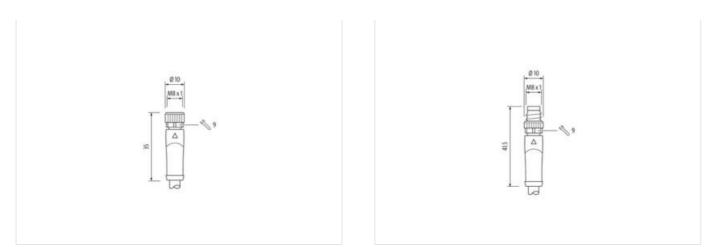
PVC 4x0.34 shielded gy UL/CSA 2m

Male straight – female straight M8 – 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







Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	8,5 mm
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
No. of poles	4
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	4048879422512
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

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: 2024-05-06



## Device protection | Electrical

Degree of poletion (EN IEC 0529)IPE, IPB, IPB, IPB, IPB, IPB, IPB, IPB, IPB	Device protection   Electrical	
Paulancia     S       Rated surge voltage     1,5 kV       Materal group (EE 6066-1)     I       Mechanical data     (EE 6066-1)       Mechanical data     (EE 6066-1)       Mechanical data     (EE 6066-1)       Mechanical data     (EE 6066-1)       Material rocaling onling nul     nickel pland       Locking nut material     Zin die-casting       Contrainig     Perstention       Additional condition tores     Zin die-casting die pland       View on strain relief     Polect the connectore by suitable measures from mechanical totals, e.g. by the usage of cable ties.       Note on strain relief     Polect the connectore by suitable measures from mechanical totals, e.g. by the usage of cable ties.       Conternity     Perstect andrad     IN EN 61076-2-114 (Ms)       Instat	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Reter supporting     1,5 kV       Material group (IEC 8068-1)     1       Machined calcular     Indeed plated       Casiling looking null     nickel plated       Material mousing     PUR       Locking usreamed     Ende       Material mousing     PUR       Locking mut material     Znc dise-asting       Material mousing     PUR       Locking mut material     Znc dise-asting       Machanical data     Material mousing       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature and     depending on cable quality.       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Additional condition temperature and     Dentect the permissible bending radi. When laying cables, as the IP protection class can be endingerated by excessive bending radi.       Note on sharin field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Additional     DIN EN 61078 -114 (MR)       Exable on bending radi.     DIN EN 61078 -114 (MR)       Exable on bending fore.     Qui data data data data data dat	Additional condition protection degree	inserted, screwed
Material group (IEC 6068-1)     I       Mechanical data (Material data)       Caching Locking punk     nickel plated       Material group (IEC 6068-1)     Nickel plated       Material group (IEC 6068-1)     PUB       Locking northing in material     Zinc disc-casting       Material rousing     PUB       Locking num transitial     Zinc disc-casting       Locking num transitial acrow     Brass       Mechanical data (Mounting data     Mounting matterial       Mounting matterial instructivities (Climatic Climatic Cl	Pollution Degree	3
Mechanical data   Netrai data       Conting correr     nickic plated       Conting correr     Nickic plated       Material passiel     PKM       Material passiel     PKM       Conting correr     Series       Conting correr     Brans       Mechanical disclose   Continue     Inserted, screwed, Shaking protection       Environmental characteristics   Coltante     Correr       Operating imperature min.     25 °C       Operating imperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Important installation notes     Contently       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Note on bending radiu     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Rest of continue     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Rest of color     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Rest of color     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lite	Rated surge voltage	1,5 kV
Cacking locking nut     nickle plated       Lacking sorw casing     nickle plated       Material gaske     FKM       Material paske     PUP       Lacking nut material     Zinc die-casing       Lacking nut material     Zinc die-casing       Lacking nut material     Ender-casing       Lacking nut material     Zinc die-casing       Lacking nut material     Sinc die-casing       Coherning temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Peolect the connectors by suitable measures from mochanical loads, e.g. by the usage of cable like.       Note on barding radiu     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be enderagered by accessive banding forces.       Contornity     Protect the connectors by suitable measures from mochanical loads, e.g. by the usage of cable like.       Note on barding radiu weight     Die Since	Material group (IEC 60664-1)	I
Locking score coating     nickel plated       Material pushet     FKM       Material pushet     FKM       Material pushet     FKM       Material pushet     Zno die-casting       Locking material corew     Brass       Mechanical diata [Mounting data     Mechanical diata [Mounting data       Muniting method     inserted, sorewod, Shaking protection       Environmental characteristics [Climate:     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable itee.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangraded by excessive bending radii when laying cables, as the IP protection class can be endangraded by excessive bending radii when laying cables, as the IP protection class can be endangraded by excessive bending radii when laying cables, as the IP protection class can be endangraded by excessive bending radii when laying cables, as the IP protection class can be endangraded by excessive bending cables, as the IP protection class can be endangraded by excessive bending cables, as the IP protection class can be endangraded by excessive bending cables, as the IP protection class can be endangraded by excessive b	Mechanical data   Material data	
Material possing     PKM       Material housing     PKM       Material housing     PUR       Locking material sorew     Brass       Mechanical data   Mounting data     Insarted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.       Operating temperature min.     -25 °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 fees.       Catic and training radus     Attention: Observe the permissible bending radis when laying cables, as the IP protection class can be on dangered by avcessive bending forces.       Cable obstitution     201       Cable obstitution     201       Cable obstitution     201       Cable obstitution     201       Cable shielding (trype)     copper braid, Inmed       Cable shielding (covera	Coating locking nut	nickel plated
Material housing     PUR       Loding nut material     Zinc die-casting       Loding nut material screw     Brass       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature mail.       Operating temperature mail.     -25 °C       Operating temperature mail.     -65 °C       Additional condition temperature mail.     65 °C       Material installation notes     Mounting and use of stain rolle!       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable likes.       Note on strain rolle!     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable likes.       Note on bending radius     Attention: Observe the permissible bending tradii when laying cables, as the IP protection dass can be ending red by excessive bending forces.       Concentry     Product strander       Distallation[Gable     Cable Gable [Gast]       Cable identification     201       Cable identification     201       Cable identification     4 wires twisted       Cable identification     9 %       Barading     4 wires twisted       Cable identifice (coverage)	Locking screw coating	nickel plated
Locking nut material     Zinc die-casting       Locking material screw     Brass       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Experiating temperature min.     -25 °C       Operating temperature max.     B5 °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 files.       Note on bening radius     Attention: Coseeve the permissible bencing radii when kying cables, as the IP protection class can be enclargered by excessive bending forces.       Cotolomity     Protect that connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on bening radius     Attention: Coseeve the permissible bencing radii when kying cables, as the IP protection class can be enclargered by excessive bending forces.       Cotolomity     Protect standard     DIN EN 61076-2-114 (M8)       Installation Cable     Cable Type     1       Jacket Color     gray     Type of Certificate     cUPRus       Cable Type     1     Standing     Yes twisted       Cable shielding (pype)	Material gasket	FKM
Locking material screw     Brass       Mechanical data   Mounting data       Mounting method     inserted. screwed. Shaking protection       Environmential characteristics   Climatic       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature ray     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fles.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fles.       Contormity     Product standard     DI IN EN 61076-2-114 (M6)       Installation   Cable     Cable of type     1       Cable fortige     CUINus     Cable of type       Amount strainfing     1     1       Strainfing     4 wires twisted     Cable stelling (torwrage)       Cable fortige     coper braid, timed     Cable stelling (torwrage)       Banding     Fleescon, Foil     Strainfing       wire arrangement     torwn, black, blue, white     Cable stelling (torwrage)       Cable stelling (torwrage)     53.5 Shore A     Freedom from ingredients (gacket) <td>Material housing</td> <td>PUR</td>	Material housing	PUR
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coparating temperature max.     85 °C       Operating temperature max.     85 °C     Coparating temperature max.     85 °C       Additional condition temperature may     depending on cable quality     Important installation neture may     depending on cable quality       Important installation neture may     depending on cable quality     Important installation neture may     depending on cable quality       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable flees.       Note on thending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contornity     The Standard     DIN EN 61076-2-114 (M8)       Installation I Cable     Cable Color     gray       Type of Cortifican     QIPus     Cable Color       Amount stranding     1     Stranding     4 wires twisted       Cable shielding (coverage)     80 %     Stranding     Fleesce, Fol       Material sizekt     54 5 Shore A     Stranding     Stranding	Locking nut material	Zinc die-casting
Mounting method     inserted, screwed. Shaking protection       Exvironmental characteristics (Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature man.     85 °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 tes.       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.       Contomity     Product standard     DN EN 61076-2-114 (M8)       Installation [Cable     Cable identification     201       Cable identification     201     Cable Type       Cable of Corfficata     c/PRus     Cable Type       Amount stranding     1     Stranding       Type of Corfficata     c/PRus     Cable shielding (rowrage)     80 %       Banding     wives twisted     Cable shielding (rowrage)     80 %       Cable shielding (rowrage)     80 %     Standing     VC       Shore hardness jacket     85 5 Shore A     Store A       Freedom from ingredients (jacket) <t< td=""><td>Locking material screw</td><td>Brass</td></t<>	Locking material screw	Brass
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Concritiv     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Concritiv     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Concritiv     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Concritiv     Product standard     Din EN 61076-2114 (M8)       Cable Inflication     201     Cable Inflication     201       Cable Inflication     201     Cable Inflication     201       Cable Inflication     201     Cable Similation (prove and	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       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.       Contomity     Product standard     DIN EN 61076-2-114 (M8)       Installation (Cable     Cable forpe     1       Cable forpe     1     Jacket Color       gray     Type of Certificate     cURus       Amount stranding     1     Stranding       1     Stranding     4 wires twisted       Cable shield (coverage)     80 %     Stranding       8anding     Fleece, Foil     wire strangement       brown, black, blue, white     Cable weight     53.3 grm       Tolerance outer diameter (soket)     5.3 grm     Stranding       10etradiameter (soket)     5.4 S hore A     Freedom from ingredients (sacket)       Freedom from ingredients (sacket)     55 %     Str	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °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 ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contornity     Protect strain relief     DIN EN 61076-2-114 (MB)       Installation (Cable     Cable infincation     201       Cable identification     201     Cable infincation       Zable Identification     201     Cable infincation       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     Stranding     Cable shielding (toyee)     copper braid, inned       Cable shielding (toyeerage)     80 %     Stranding     Fleece, Foil     Stranding     Stranding     Fleece, Foil     Stranding	Environmental characteristics   Climatic	
Operating temperature max.     85 °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 lies.       Note on banding radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contornity     Product standard       Product standard     DIN EN 61076-2-114 (MB)       Installation   Cable     Cable identification       Cable identification     201       Cable identification     201       Cable identification     201       Cable identification     201       Cable identification     QiPus       Armount stranding     1       Stranding     4 wires twisted       Cable shielding (type)     cooper traid, inmed       Cable shielding (coverage)     80 %       Banding     Fleece, Foil       wire arrangement     brown, black, blue, white       Cable weight     58.3 g/m       Material jacket     PVC       Amount signalition     4       Outer diameter (glocket)	Operating temperature min.	-25 °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 tes.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Conformity     Endemotion Conserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable identification     DIN EN 61076-2-114 (M8)       Installation [Cable]     Cable identification       Cable identification     201       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %       Banding     Fleece, Foil       write arangement     brown, black, blue, white		85 ℃
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 61076-2-114 (M8)       Installation [Cable     Cable force     Cable force       Cable force     gray     Total cable force       Type of Certificate     c.URus     Cable force       Amount stranding     1     Stranding       Stranding     4 wires twisted     Cable force       Cable shielding (type)     copper braid, tinned     Cable shielding (coverage)     80 %       Banding     Fleece, Foil     Wire arrangement     brown, black, blue, white       Cable weight     58.3 g/m     Store A     Store A       Freedom from ingredients (acket)     lead-free, cadmium-free, CFC-free, silicone-free     Cubre diameter (sheath)     ± 5 %       Material jacket     PVC     Store A     Store A     Store A       Freedom from ingredients (acket)     ± 5 %     Store A     Store A <t< td=""><td></td><td>depending on cable quality</td></t<>		depending on cable quality
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 61076-2-114 (M8)       Installation   Cable     Conformity       Cable identification     201       Cable identification     201       Cable I/ppe     1       Jacket Color     gray       Type of Carlificate     cuPus       Amount stranding     1       Stranding     4 wires twisted       Cable shielding (type)     copper braid, linned       Cable weigh     58.3 g/m       Material jacket     PVC       Shore Andress jacket     85.5 Shore A       Freedom from ingredients (jacket)     1.83.4 mm       Tolerance outer diameter (sheatth)     ± 5 %       Material properies wire insulation     PVC       Amount stranding     ± 5 %       Material packet     PVC       Shore Andress jacket     8.5 Shore A       Freedom from ingredients (jacket) <t< td=""><td></td><td></td></t<>		
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 61076-2-114 (M8)       Installation [ Cable     Cable identification     201       Cable identification     201     Cable Identification     201       Attention Standing     1     Jacket Color     gray     Type of Cartificate     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     Fieece, Foil     Wire arrangement     Drown, black, blue, white       Cable weighth     58.3 g/m     Material jacket     PVC     Store A     Store A     Store A     Stor	•	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)   Installation   Cable   Cable identification 201   Cable Type 1   Jacket Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted   Cable shielding (type) copper braid, timed   Cable shielding (coverage) 80 %   Banding Fleece, Foil   wire arrangement brown, black, blue, white   Cable weigth 58.3 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 (sheath) ± 5 %   Material properties wire insulation PVC   Amount wires 4   Outer diameter insulation ± 5 %   Material properties wire insulation ± 5 %   Shore hardness wire insulation 45 ± 5 Shore D   Material properties wire insulation 45 ± 5 Shore D   Material properties wire insulation 125 mm   Outer diameter insulation 45 ± 5 Shore D   Material properties wire insulation 16 ± 5 %   Shore hardness wire insulation 16 ± 5 %   Shore hardness wire		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   CableCable identification201Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58.3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter cliameter (jacket)± 5 %Material jories4Outer diameter insulation1,25 mmOuter diameter insulation± 5 %Shore hardness wire insulation± 5 %Material properties wire insulation4 5 %Shore hardness wire insulation4 5 %Shore hardness wire insulation4 5 %Shore hardness wire insulation4 5 %Material properties wire insulation4 5 %Shore hardness wire insulation4 5 %Shore hardness wire insulation4 5 %Shore hardness wire insulation4 5 %Material properties wire insulation4 5 %Material properties wire insulation19Diameter of single wires0,15 mm	Conformity	
Installation   CableCable identification201Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58.3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (jacket)± 5 %Material jories4Outer diameter (sheath)± 5 %Shore hardness wire insulation1,25 mmOuter diameter insulation± 5 %Shore bardness wire insulation± 5 %Material properties wire insulation4 5 %Material properties wire insulation4 5 %Shore bardness wire insulation4 5 %Shore DMaterial properties wire insulationMaterial properties wire insulation4 5 %Shore DMaterial properties wire insulationMaterial properties wire insulation4 5 %Shore bardness wire insulation4 5 %Shore hardness wire insulation4 5 %Shore bardness wire insulation4 5 %Shore hardness wire insulation4 5 %Shore hardness wire insulation4 5 %Shore bardness wire insulation4 5 %Shore bardness wire insulation <t< td=""><td></td><td>DIN EN 61076-2-114 (M8)</td></t<>		DIN EN 61076-2-114 (M8)
Cable identification201Cable Type1Jacket ColorgrayType of CertificatecJRusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)ead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (jacket) $5,3$ mmTolerance outer diameter (sheath) $\pm 5$ %Material properties wire insulation $75 \%$ Outer diameter tolerance core insulation $45 \pm 5$ Shore DMaterial properties wire insulation <td>Installation   Cable</td> <td></td>	Installation   Cable	
Cable Type     1       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       Cable weigth     58.3 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 (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter rolerance core insulation     1,25 mm       Outer diameter rolerance core insulation     ± 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties wire insulation     45 ± 5 Shore D       Material properties wire insulation     good machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     19		201
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)5,3 mmTolerance outer (sheath) $\pm 5 \%$ Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Material properties wire insulation $\pm 5 \%$ Material properties wire insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Amount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 6 \%$ Digo d		
Type of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 % Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulation19Diameter of single wires0,15 mm		
Amount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation19Diameter of single wires0,15 mm		
Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58.3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		
Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulation19Diameter of single wires0,15 mm		4 wires twisted
Cable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation19Diameter of single wires0,15 mm		
BandingFleece, Foilwire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation90 dm achinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cAFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		
wire arrangementbrown, black, blue, whiteCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		Fleece. Foil
Cable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter insulation± 5 %Shore hardness wire insulation± 5 %Material properties wire insulation± 5 %Ingredient freeness wire insulation± 5 %Shore hardness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm	-	58,3 g/m
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulation900d machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		-
Outer-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		85 ± 5 Shore A
Outer-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm		5,3 mm
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm	Material wire insulation	PVC
Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D     Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   19     Diameter of single wires   0,15 mm	Amount wires	4
Shore hardness wire insulation   45 ± 5 Shore D     Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   19     Diameter of single wires   0,15 mm	Outer diameter insulation	1,25 mm
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mm	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire)19Diameter of single wires0,15 mm	Material properties wire insulation	good machinability
Diameter of single wires 0,15 mm	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,34 mm <sup>2</sup>	-	
	Conductor crosssection (wire)	0,34 mm <sup>2</sup>

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: 2024-05-06



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	4,8 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)	-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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06