

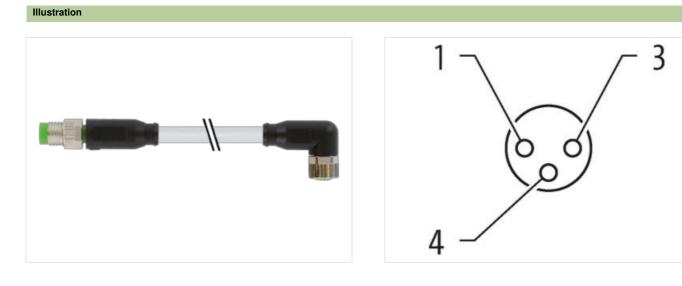
## M8 male 0° / M8 female 90° A-cod.

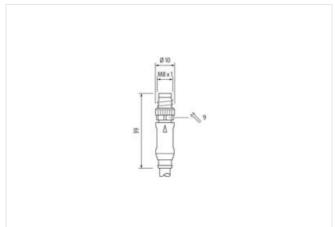
PUR 3x0.25 gy UL/CSA 0.3m

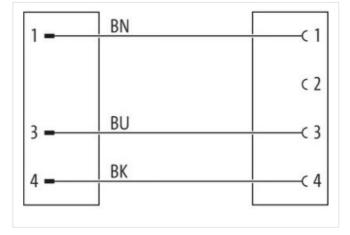
## 

Male straight – female 90° M8 – M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



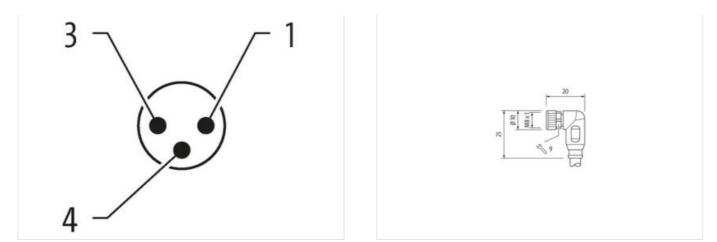




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26

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Product may differ from Image



Cable length	0,3 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
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	4048879129138
Packaging unit	1
Electrical data   Supply	

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Operating voltage AC max.90 VOperating voltage AC AU-4 select90 VDeported operating voltage AC AU-4 select90 VDeported operating voltage AC AU-4 select90 VDeported operating per contact max.4 ADeported operating per contact max.90 VDevice protection LED CEG ADS-90POS (POB, POB, POB, POB, POB, POB, POB, POB,		50.1
Operating voltage AC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V       Control operating voltage DC (LL-listed)     30 V       Diagnostice     5       Status indication LED     no       Device protection [Electrical     FERENCE       Device protection [Electrical     FERENCE       Device protection [Electrical     FERENCE       Device protection [Electrical     FERENCE       Material group [Ele 60641]     1       Material group [Ele 606541]     1       Material group [Ele 60641]     Noteled       Material group [Ele 6064]     Restead group [Ele 60641]       Material group [Ele 60641]     2016       Material group [Ele 60641]     2016       Material group [Ele 60641]     2016       Material group [Ele 60641]		
Operating vortage DC (UL-island)     90 V       Current operating per constant max.     4 A       Diagnostics     Balance State       Status indication LED     no       Device protocotics (DN IEC 60529)     1P65, IP67, IP68, IP66K       Additional condition protection degree     inserted, sprewed       Publishon Degree     3       Rated surge voltage     1,5 kV       Material poolsing     Nickeled       Machanic datal Material data     Cassing Docking       Machanic datal Material data     The dis cassing       Machanic datal Material data     Zure dis cassing       Machanic datal Material data     Zure dis cassing       Machanic datal Matuning data     Machanic datal Matuning data       Machanic datal Matuning data     Machanic datal Matuning data       Machanic datal Matuning data     PG C       Operating tomparature max.     45 °C       Operating		
Ourrent operating per contact max.     4 A       Diagnostics		
Disponetics     Service protection (EN EC 6039)       Device protection (EN EC 6039)     IPSS, IPS7, IPS8, IPS6K       Additional condition protection diague     Imanital, screwed       Pathulan Degree (D) (EC 6068-1)     1       Material acordition protection diague     Imanital, screwed       Rated surge voltage     3       Rated surge voltage     1       Material acordition protection diague     INC       Material acordition datal     INC       Material acordition diague     PUR       Locking material     Incordition diague       Mortanical datal [Mounting datal     Incordition diague       Mortanical datal [Mounting datal     Incordition componature main.       Operating temperature main.     25 °C       Operating temperature main.     25 °C       Operating ingradition tomponature range     depending on cable quality       Interdition temperature main.     25 °C       Operating radius     Dison statin mield     Portal teoconsclos by suitable measures from mechani		
Bruis indication LED     no       Device protection [Electrical     IPS6. 1P67, 1P68, 1P66K       Degree of protection (EN IEG 00252)     IPS6. 1P67, 1P68, IP66K       Additional conditions     Inserted, acrowed       Pallation protection degree     3       Reads argo voltage     1.5 VV       Material proup (IEC 00564-1)     1       Material facility     Provide       Material proup (IEC 00564-1)     1       Material facility     Provide       Material proup (IEC 00564-1)     1       Material facility     Provide       Operating temperature max.     25 °C       Additional original temperature max.     26 °C       Additional original temperature max.     26 °C       Addition original tem		4 A
Device protection   Electrical       Degree of protection (Ell EC 00529)     IP65, IP67, IP68, IP60K       Additional condition protection degree     3       Rated surge votage     3       Rated surge votage     1,5 kV       Material group (EC 0668-1)     I       Incerbancial data   Material data     Material data       Conting Icocking     Nickeled       Material group (EC 0668-1)     ICocking       Material group (EC 0668-1)     Icocking       Material data   Material data     FKM       Material group (EC 0668-1)     Icocking       Material group (EC 0668-1)     Icocking       Material data (Material data     FKM       Material data (Material data     FKM       Material group (EC 0668-1)     Icocking material       Material group (EC 0668-1)     Icocking material       Material data (Material data     FKM       Material data (Material data     Icocking material       Material data (Material data	Diagnostics	
Degree of protection (EN IEC 60529)     IP66, IP67, IP68, IP60K       Additional condition protection degree     inserted, serewed       Publicin Degree     3       Rated aurge voltage     1, 5.KV       Material group, IEC 60664-1)     1       Mechanical data Haberial data        Coaling loching     Nickeled       Material gaskot     FXM       Material gaskot     FXM       Material gaskot     FXM       Material gaskot     Con clic casting       Worting method     incerted, serewed, Shaking protection       Tervitormetal characteristics [ Climatic        Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Addition condition.     Condition.       Protex the connectors by suitable measures from mechanical loads, s.e.g. by the usage of cable fise       Addition conditi	Status indication LED	no
Additional condition protection degree     inserted, screwed       Palluion Degree     3       Rated surge voltage     1.5 kV       Material group (EC 60684-1)     1       Mechanical datal Material data     Coding looking       Coding looking     Nickeled       Material pous (EC 60684-1)     FVM       Material basing     PUR       Locking material     Zn odie casting       Material housing     PUR       Locking material     Zn odie casting       Material constitute fination     Codie casting       Mounting method     inserted, screwed, Shaking protection       Environmethic characteristics   Climatic     Cometing isomperature min.       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition motes     Meterial concers by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Not on ending radius     Attentific:       Environmethic characteristics     Stating force-2-114 (M8)       Environmethic characteristics     Stating force-2-114 (M8)       Cable identification     220       Cable identification     220	Device protection   Electrical	
Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (E 6 0684-1)     1       Mechanical data   Material data     Coating (E 6 0684-1)       Material gasket     FMM       Muning matherial     Zinc die-casting       Mechanical data   Mouning data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coording on cable quality       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Importat 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 ites.       Note on banding radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.       Conformity     Eocologita       Product standard     DIN EN 61076-2-114 (M8)       Inselaratalack <td< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP65, IP67, IP68, IP66K</td></td<>	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Reted surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data [Material data     Costing locing     Nickeled       Costing locing     Nickeled     Material housing     PUR       Locing material and statut     FKM     FKM     FKM       Material housing     PUR     Costing locing     Material housing     FKM       Material housing     PUR     Costing locing     Total statute     FKM       Material housing     Inserted, screwed, Shaking protection     Environmental characteristics (Climatic Costing locing and statute range depending on cable quality     Material housing     FX °C       Operating temperature rank     85 °C     Additional condition temperature range depending on cable quality     Material housing     Material housing       Mote on strain releef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Attention: Osserve the permissible bending radii when laying cables, as the IP protection class can be endiargered by excessive bending forces.     Contominy       Product standard     DIN EN 61076.2.114 (MB)     Inserted, Statute and Statute an	Additional condition protection degree	inserted, screwed
Material group (EC 00064-1)     I       Mechanical data [Material data     Ixiokaled       Coating locking     Nickaled       Material gaskt     FKM       Material gaskt     FKM       Mechanical data [Mounting data     Ixiokaled       Mechanical data [Mounting data     Ixiokaled       Mechanical data [Mounting data     Ixiokaled       Muting method     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Operating temperature max.       Operating temperature max.     65 °C       Operating temperature max.     65 °C       Additional condition temperature max.     65 °C       Additional condition temperature max.     65 °C       Additional condition temperature max.     65 °C       Additional resel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees.       Note on strain resel     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Colornity     Product standard     DIN EN 61076-2-114 (M8)       Inserted and for 220     Cable fortification     220       Cable fortification	Pollution Degree	3
Mechanical data   Material data       Cealing locking     Nickeled       Material locking     PKM       Material locking     PUR       Locking material     Zinc die-casiling       Mechanical data   Mouning data     inserted, screwed, Shaking protection       Mechanical data in Mouning data     inserted, screwed, Shaking protection       Coperating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition 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: Observe the permissible bending radii when laying cables, as the IP protection class can be ensigneed by successive bending forces.       Conormiy     Product tas dard       Insel de on frain relief     Nown, black, blue       Cable on frain relief     brown, black, blue       Cable on frain relief     orwn, black, blue       Cable on fraing     3 wires twisted       Strainding     3 wires twisted       Mount stran	Rated surge voltage	1,5 kV
Coading locking     Nickeled       Material pasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Meterial housing     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Coperating temperature min.       Qperating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Note on bending radus     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contormity     UNE N 61076-2:114 (M8)       Installation (Cable     Jacket Color       Qaib identification     220       Cable of colificate     culters of the permisesible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable of colificate     culters of the permeters of the per	Material group (IEC 60664-1)	
Material gasket     FKM       Material housing     PUR       Locking material     Zinc de-casting       Mechnical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     -25 °C       Operating temperature main.     -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 ties.       Contormity     Verolex: Strain of Strain CoScorve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contormity     Verolex: Strain Gene       Product standard     DIN EN 61076-2:114 (M6)       Installation [Cable     Strain Gene       Verolax: standard     DIN EN 61076-2:114 (M6)       Installation [Cable Gene     220       Cable Infigure     2       Jacket Color     gray       Type of Certificate     OURUS       Amount straing     1       Stranding	Mechanical data   Material data	
Material pasket     FKM       Material housing     PUR       Locking material     Zinc die casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Clinatic     Operating 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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.       Contormity     Vertex the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable of bentification     220       Cable infinitation     220       Cable of colin     gray       Type of certificate     oURus       Amount strainding     1       Stranding     1       Stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable View     Addenoneeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	Coating locking	Nickeled
Material housing     PUR       Locking material     Zino die-casting       Mechanical data   Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.     85 °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.       Contornity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Material class     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagered by excessive bending forces.       Contornity     Protect standard     DIN EN 61076-2-114 (M8)       Installation Cable     Din EN 61076-2-114 (M8)     Cable dentification       Issue arrangement     brown, black, blue     Cable Gastification     20       Cable Gastification     20     Cable Gastification <td< td=""><td></td><td></td></td<>		
Locking material     Zinc die-casting       Mouting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 ° C       Operating temperature max.     85 ° C     Additional condition temperature may.     des ° C       Additional condition temperature max.     85 ° C     Additional condition temperature max.     des ° C       Additional condition temperature max.     85 ° C     Additional condition temperature max.     des ° C       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     wire arrangement     brown, black, blue       Cable Identification     220     Cable Identification       Zaket Colon     gray     Type of Certificate     cuIRus       Arrount stranding     1     Stranding     Stranding       Vire or argement     brown, black, blue     Cable       Cable weigh     26.		
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     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 endergo and bending forces.       Conformity     Installation for Cable       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     verow, black, blue       Cable Type     2       Jacket Color     gray       Type of Certificate     cJBus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable Type     2.6.62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4.3 mm		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     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 endergo and bending forces.       Conformity     Installation for Cable       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     verow, black, blue       Cable Type     2       Jacket Color     gray       Type of Certificate     cJBus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable Type     2.6.62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4.3 mm	Mechanical data   Mounting data	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     users and permits       wire arrangement     brown, black, blue       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable type     2.62 g/m       Material jacket     PUR       Shore hardness jacket     85 1 5 Shore A       Freedom from ingredients (jackel)     1.43 rm       Colera		inserted, screwed. Shaking protection
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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Additional condition temperature range     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conomity        Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable        wire arrangement     brown, black, blue       Cable identification     220       Cable fortificate     cJRus       Anount stranding     1       Stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weight     26.62 g/m       Material jackt     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,3 mm <td< td=""><td>-</td><td></td></td<>	-	
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.       Additional condition and the protection class can be endangered by excessive bending facility when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Mote 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     wire arrangement     brown, black, blue       Cable identification     220     Cable (DRUs       Amount stranding     1     Stranding     1       Stranding     3 wires twisted     wire arrangement     brown, black, blue       Cable weighth     26.52 g/m     Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A     Stranding     4.3 mm       Toperance cuber diameter (jacket)     4.3 mm     5		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 ties.       Nate 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     Write arrangement     brown, black, blue       Cable identification     220       Cable Type     2       Jacket Color     gray       Type of Certificate     cuRus       Andum stranding     1       Stranding     3 wires twisted       write arrangement     brown, black, blue       Cable weigh     2 & Gabe       Anount stranding     1       Stranding     3 wires twisted       write arrangement     brown, black, blue       Cable weigh     2 & Sc. & 2 g/m       Material jacket     PUR       Store hardness jacket     85 ± S S Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-Giameter (jakket		
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     Endangered by excessive bending forces.       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement       Variangered by excessive bending forces.     Standard       Cable identification     220       Cable Identification     220       Cable Identification     220       Cable Identification     220       Cable Identification     gray.       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26.62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, camium-free, CFC-free, silicone-free       Outer diameter (jacket)     4.3 m       Tole		
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     Unit EN 61076-2-114 (M8)     Installation   Cable       wire arrangement     brown, black, blue     Caste identification     220       Cable identification     220     Cable Identification     200       Stranding     3 wires twisted     Missibilitation     Missibilitation       Wire arrangement     brown, black, blue     Missibilitation     Missibilitation       Stranding     3 wires twisted     Missibilitation     Missibi		depending on cable quality
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     Installation     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement     brown, black, blue       Cable identification     220     Cable Type     2       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     3 wires twisted       Wrie arrangement     brown, black, blue     Cable Sign (March 1996)     Stranding       Stranding     1     Stranding     1     Stranding     3 wires twisted       Wrie arrangement     brown, black, blue     Cable Sign (March 1996)     Stranding     3 wires twisted       Stranding     3 wires twisted     Stranding     45 ± 5 Shore A     Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,3 mm     Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC     Amount wires     3     Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation<	Important installation notes	
Note on benching radius   endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-114 (M8)     Installation   Cable     wire arrangement   brown, black, blue     Cable Type   2     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   26,62 g/m     Material jacket   PUR     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer diameter (jacket)   4,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation	Note on strain relief	
Product standardDIN EN 61076-2-114 (M8)Installation   Cablewire arrangementbrown, black, blueCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Outer diameter (sheath)± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Note on bending radius	
Installation   Cablewire arrangementbrown, black, blueCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Material tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Conformity	
wire arrangementbrown, black, blueCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Product standard	DIN EN 61076-2-114 (M8)
Cable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation43 ± 5 Shore D	Installation   Cable	
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Cable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Cable weigth	26,62 g/m
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	-	
Outer-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC   Amount wires 3   Outer diameter insulation 1,25 mm   Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 43 ± 5 Shore D	Outer-diameter (jacket)	4,3 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 43 ± 5 Shore D	Amount wires	3
Shore hardness wire insulation 43 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%
Material properties wire insulation good machinability	Shore hardness wire insulation	43 ± 5 Shore D
	Material properties wire insulation	good machinability

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 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	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C

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