

## M8 male 0° A-cod. / MSUD valve plug CI-9.4mm small

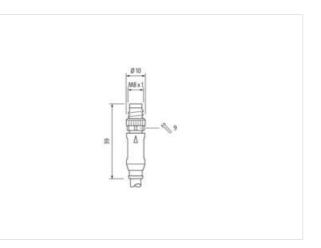
PUR 3x0.34 ye UL/CSA+drag ch. 1m

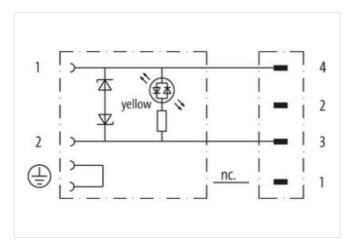
MSUD Plastic housings with good resistance against chemicals and oils. Form CI (9.4 mm) Male M8 straight 24 V AC ±20% / DC ±25% 4-pole Z-Diode + LED Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request.

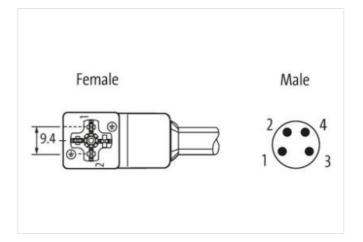
## Link to Product

Illustration





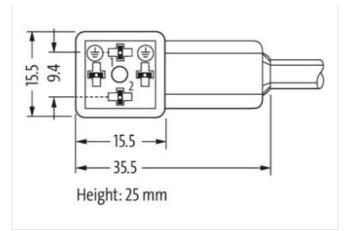




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Product may differ from Image

Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MSUD
Thread	M3
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
Material	PUR
No. of poles	4
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
Material	PBT
No. of poles	4
Width across flats	SW9
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879119078
Packaging unit	1
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V

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Operating voltage DG min.     16 V       Operating voltage DG max.     30 V       Conf genk voltage DG max.     55 V       Conferent consumprene max.     4 A       Control consumprene max.     15 mA       Degression max.     15 mA       Degression max.     15 mA       Degression production (EM EC 08020)     1960.       Device production (EM EC 08020)     1960.       Device production (EM EC 08020)     1960.       Pollation long production production device     restricts, screwed       Pollation long production (EM EC 08020)     1960.       Material group (EC 080604.1)     1       Acational strugge production device     asset super voltage and the asset super voltase and the asset super voltage and the asset super	Operating voltage DC	24 V
Operating voltage DC max.     30 V       Coll of pack voltage max.     55 V       Current consumption max.     15 mA       Degree of protects on ENIE 50 (SER)     Velow       Device protection (ENIE 50 (SER))     I       Additional support digree     0.8 kV       Material group (IEC 6066-1)     I       Additional support digree     Device, 2 Dode       Material group (IEC 6066-1)     I       Device ma		18 V
Chard Perk Voltage max.     55 V       Current consumption max.     15 mA       Diagnotics     Status indication LED     yellow       Device production   Electrical     Perk (1998)     Perk (1998)       Device production   Electrical     Inscritut, scrowod     Perk (1998)       Device production   Electrical     Inscritut, scrowod     Perk (1998)       Device production   Electrical     Inscritut, scrowod     Perk (1998)       Pollution providem degram     0.8 kV     Material graph (156 6964-11)     Inscritut, scrowod       Additional contification (156 6964-11)     Inscritut, scrowod     Perk (1998)     Perk (1998)       Coating locking     Nokeled     Dood, Z Dode     Meterial graph (156 6964-11)     Inscritut, scrowod       Coating locking     Nokeled     Dood, Z Dode     Meterial providem (156 1966)     Dood, Z Dode       Material graph     Dak     Material providem (156 1966)     Dood, Z Dode     Dood, Z Dode     Dood, Z Dode       Material providem (156 1966)     Pork     Dood, Z Dode     D		
Current consumption max.     15 mA       Diagnostics     Status indication LED     yellow       Device protection   Electrical     Device protection status     Status indication LED       Device protection in Electrical     Device protection status     Status indication LED       Device protection in Electrical     Device protection status     Status indication LEN ICE 00539     IP65, IP67       Additional suppression     0.8 NV     Material group (IEC 6064-11)     I       Additional suppression     Dodd, Z. Dode     Material group (IEC 6064-11)     I       Control obsing     Deda     Status indication suppression     Dodd, Z. Dode       Mechanical data   Material data     PUR     Material rotaning     Deda       Material rotaning     Pulsa     Material rotaning     Deda       Mechanical data   Mounting data     Zinc die casting     Material rotaning     Deda       Mounting method     Insertial, screwood     Environmental characteristics   Climatic     Deparating temperature max.     26 °C       Operating temperature max.     26 °C     Control obles, as the IP protection class can be andinger of by suitable measures from mechanical loads, e.g. by the usage of cable files.		
Current consumption max.     15 mA       Diagnostics     yolow       Device protection   Electrical     Poil.       Degree of potection   Electrical     IPS, IP67       Additional condition potection degree     3       Rand auge voltage     0.8 kV       Material group (IEC 8064-1)     1       Additional condition potection degree     3       Contro boding     No.8 kV       Material group (IEC 8064-1)     1       Additional suppressor     Dodo. Z-Dodo       Mechanical data   Material data     Codo Control Coding       Material group (IEC 80664-1)     1       Additional datas     PUR       Material housing     Plastic       Colino housing     Plastic       Material housing     Plastic       Material housing     Plastic       Mounting method     inserted, scrowed       Environmental characteristics   Olimatic     Operating tomperature min.       Adstronal condition temperature max.     AS % C       Operating tomperature min.     AS % C       Operating tomperature max.     AS % C       Operating tomperature max.		
DescrictionUse service protection (EN IC 00589)1905. P07Device protection (EN IC 00589)1905. P07Additional condition protection degreeinserred, acewedPoluton Degree0.8 AVMaterial group (IEC 0064-1)0.8 AVAdditional supprotection (EN IC 00589)0.8 AVMaterial group (EC 00564-1)0.8 AVMaterial supprotection (EN IC 00589)0.8 AVAdditional displanter man.0.8 CAdditional condition foreprotection range0.8 CAdditional condition foreprotection range0.8 CAdditional condition foreprotection range0.8 CAdditional supprotection range0.8 CAdditional supprotection range0.8 CAdditional foreprotection range0.8 C		
Statis indication LED     yellow       Device of protection   Electroal     Electroal       Degree of protection (EN IEC 60629)     M6P61P67       Addional condition protection degree     3       Bade surge voltagion     0.8 kV       Material grapp (IEC 60664-1)     I       Addinal condition Illustrial data     Used autoe voltagion       Material grapp (IEC 60664-1)     I       Addinal condition Illustrial data     Used autoe voltagion       Material grapp (IEC 60664-1)     I       Addinal condition Illustrial data     Used autoe voltagion       Material grapp (IEC 60664-1)     I       Material grapp (IEC 60664-1)     I       Material protection of Material Material data     Puel R       Material protection grapp     Isockasting       Color having     Puel R       Material protection grapp     Isockasting       Material protection grapp     Isockasting       Color having grapp     Isockasting       Material protection for grapp     Isockasting       Operating temperature max     65 °C       Operating temperature max     65 °C       Note on train nellef	· .	
Device protection (Electrical     PPS, IPS7       Additional context (EC 60529)     IPS5, IPS7       Additional context (EC 60529)     ISS (V       Material group (EC 60564-1)     I       Additional suppressor     Diole, Z-Diole       Material group (EC 60564-1)     I       Additional suppressor     Diole, Z-Diole       Material group (EC 60564-1)     I       Additional suppressor     Diole, Z-Diole       Material group (EC 60564-1)     I       Additional suppressor     Diole, Z-Diole       Material group (EC 60564-1)     I       Material group (EC 60564-1)     I       Material gasket     PUR       Material gasket     PUR       Material gasket     PUR       Material problemation     Sero       Control     Zero consultation       Mouning methor     Sero       Operating temperature max.     Sero       Operating temperature max.     Sero       Operating temperature max.     Sero       Note on seriar relief     Protex the connectors by suitable measures from mechanical loads, e.g. by the usage of cable itses.       Note on		vellow
Depend f protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pated surp viltage     0.8 kV       Material group (IEC 60664-1)     I       I     Index surp viltage       Additional suppression     Dido, Z Diodo       Material group (IEC 60664-1)     I       Additional suppression     Dido, Z Diodo       Material passion     Mackel       Conting todation     Nackeld       Conting todation     Paterial       Material passion     Paterial       Conting todation     Paterial       Material passion     Paterial       Conting todation     Paralitic       Material passion     Paterial       Material passion     Paterial       Conting todational condition from todation     Paralitic condition condition       Material passion     Paterial       Material passion     Paterial       Conting temperature main.     -25 °C       Operating temperature max.     65 °C       Additional condition temperature ranze     Caber from togation cable quality       Inportant installetion		yenow
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (EC 6064-1)     1       Additional suppressor     Diode, 7-Diode       Mechanical data (I Material data)     Mechanical data (I Material data)       Costing looking     Nickeled       Color housing     Black       Material gaskin     PUR       Material data (I Mounting data)     Zinc die-casting       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Mechanical data (I Mounting data)       Mechanical data (I Mounting data)     Me		
Pallution Degree     3       Rated surge (CE 06064-1)     1       Additional suppressor     Diode, 2-Diode       Mechanical data [Material data     Coating locking       Coating locking     Nickledd       Coating locking     Diade, 2-Diode       Material gaskel     PUR       Material position     Zinc die-casting       Material contention     Exerce       Corrention     Screede       Environmental characteristics (Climatic     Environmental characteristics (Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important instillation notes     Attention: Coaserve the permissible bonding radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Conternity     Environmental characteristics (Climatic       Cable identification     033       Cable id		IP65, IP67
Bated surge voltage     0,8 kV       Material group (EC 6064-1)     1       Additional suppressor     Diode, Z-Diode       Mechanical data (Material data     Casting tooking     Nickeled       Coding tooking     Nickeled     Coding tooking     Nickeled       Codin housing     PUR     Material pasket     PUR       Material pasket     PUR     Material pasket     PUR       Material housing     Plastic     Coding material     Coding material       Material pasket     PUR     Material pasket     PUR       Material pasket     PUR     Material pasket     PUR       Material pasket     PUR     Material pasket     PUR       Material positing material pasket     PUR     Material pasket     PUR       Mouning method     Inserted, serowed     Environmental characteristics (Cimatic Coding partial pasket paske		
Material group (EC 00064-1)     I       Additional suppressor     Diode, Z-Diode       Mechanical data   Material data     Color locking       Coaling locking     Nickeled       Coaling locking     Diack       Material gasket     PUR       Material gasket     PUR       Material housing     Plaske       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature may.     45 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable leas.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable leas.       Contomity     Environmental characteristics   Climatic       Product standard     Dix NE 1076-2-114 (M8)       Exatilation     033       Cable identification     033       Cable identification     1       Stranding     <		
Additional suppressor     Diode, Z-Diode       Mechanical data   Material data       Costing locking     Nickeled       Costing locking     Black       Material pasket     PUR       Material housing     Plastic       Locking material     Zinc die-asting       Material housing     Plastic       Locking material     Zinc die-asting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Coperating temperature mix.       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C       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     DIN EN 61076-2-114 (M8)       Installation   Cable     Qalacket Color       Yape of Certificate     QIFUs       Anount stranding     1       Stranding     3       Jacket Color		0,8 kV
Mechanical data   Material dataCoating lookingNickeledColor housingblackMaterial gastedPURMaterial pastedZinc die castingMechanical data   Mounting dataIncedie castingMechanical data   Mounting dataSince die castingPorteit gemeprature min25 °COperating temperature man.85 °CAdditional condition temperature rangedepending on cable qualityInperatin stallation notesMaterial jasket, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ContormityVendeus diangered by excessive bending forces.Product standardDIN EN 1076-2-114 (M8)Installation (Cable900wCable of entification033Cable Type3Cable Color900wType of CertificatecUPusAmount standing1Stranding3 wires twistedWire aring genethEys of mMaterial jacketPUFShore hortees specket90 ± 5 Shore AFreedom finm ingredients (jackel)4 1 mmToterance outer durineter (shea		
Coding locking     Nickeled       Color housing     PUR       Material pasket     PUR       Material housing     Plastic       Locking material     Zinc die-casting       Metarial housing     Inserted, screwed       Environmental characteristics   Climatic     Color housing       Operating 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 strain relief     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.       Note on strain relief     DIN EN 61076-2-114 (M8)       Installion f Cable     Color       Cable of the Color     Quark       Type of Clifficate     CURus       Anount strainfig     1       Stranding     3       Jacket Coor     yellow       Type of clifficate     CURus       Anount stranding	Additional suppressor	Diode, Z-Diode
Color housing     black       Material gasket     PUR       Material gasket     PUR       Material housing     Plastic       Locking material     Zin ofe-casting       Mechanical data   Mounting data     inserted, screwed       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature may.     65 °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 radi when laying cables, as the IP protection class can be endangered by excessive bending forces.       Commity     Evaluation: Observe the permissible bending radi when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable identification     033       Cable identification     033       Cable identification     033       Cable identification     033       Cable identification	Mechanical data   Material data	
Material gasket     PUR       Material housing     Plasic       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Comportature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     65 °C       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.       Conformity     Insertion: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Colle tastndard     DIN EN 61076-2-114 (M8)       Installation / Cable     Cable dientification       Cable identification     033       Cable identification     033       Cable identification     033       Cable wigh     29,7 g/m       Material packet     PUR       Stranding     3 wires twisted	Coating locking	Nickeled
Material housing     Plastic       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed       Environmental characteristics   Climatic     Comparing temperature min.     -25 °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 ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Product strandard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification       Cable identification     033       Cable identification     033       Cable identification     033       Cable identification     033       Gabie identification     93       Yipe of Certificate     CURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth	Color housing	black
Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed       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     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.       Contomity     Important installation       Product standard     DIN EN 61076-2-114 (M8)       Installation [ Cable     Cable identification       Cable identification     033       Cable identification     033       Cable identification     033       Cable identification     014       Mount stranding     1       Stranding     3 wires twisted       Write arrangement     brown, black, blue       Cable weight     29,7 g/m       Material jacket     PUR <td>Material gasket</td> <td>PUR</td>	Material gasket	PUR
Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmental characteristics   Climatic	Material housing	Plastic
Mounting method     inserted, screwed       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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contormity     Important       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification       Cable identification     033       Cable Identification     033       Cable Identification     033       Cable Identification     033       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     9.0 y for       Material jackt     PUR       Shore hardness jackt     90.1 5 Shore A       Freedom from ingredients (jacket) <td>Locking material</td> <td>Zinc die-casting</td>	Locking material	Zinc die-casting
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.       Attention: Observe the permissible bending radii 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.       Ratention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Installation   Cable     DIN EN 61076-2-114 (M8)       Installation   Cable     Outer standard       Cable identification     033       Cable Identification     033       Cable Identification     033       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     90 ± 5 Shore A       Freedo	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     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     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contornity     Product standard     DIN EN 61076-2-114 (M8)       Installation I Cable     Cable identification     033       Cable identification     033     Cable registration (Protection class can be endangered by excessive bending forces.       Type of Certificate     cURus     CuPus       Amount stranding     1     Stranding       Stranding     3 wires twisted     Stranding       Wire arrangement     brown, black, blue     Cable weigh       Cable weigh     29.7 g/m     Startere, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     90 ± 5 Shore A     Freedom from ingredients (jacket)       Freedom from ingredients (jac	Mounting method	inserted, screwed
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Mole 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 61076-2-114 (M8)       Installation   Cable     Cable identification     033       Cable identification     033     Cable Type     3       Jacket Color     yellow     Yyel Octrificate     cURus       Amount stranding     1     Stranding     3 wires twisted       Wire arrangement     brown, black, blue     Cable weight     29.7 g/m       Material jacket     PUR     Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     4.1 mm     Colerace, cadmium-free, CFC-free, halogen-free       Outer diameter (jacket)     4.1 mm     5 %     Material jacket     PP	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Mote 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 identification     O33       Cable Identification     O33     Cable Identificate     URus       Amount stranding     1     Stranding     Stranding     Image: Stranding       Stranding     3 wires twisted     Stranding     Stranding     Stranding     Stranding       Shore hardness jacket     PUR     Store A     Freedom from ingredients (lacket)     Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     4.1 mm     Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP     Amount wires     3     Contermine	Operating temperature min.	-25 °C
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     Cable identification       Cable identification     033       Cable Identificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     29,7 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)     4,1 mm       Tolerance outer diameter (sheath) <td>Operating temperature max.</td> <td>85 °C</td>	Operating temperature max.	85 °C
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable 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 identification     033       Cable identification     033     Cable       Cable identification     033     Cable       Type of Certificate     clRus     Amount stranding       Amount stranding     1     Stranding     3 wires twisted       Wire arrangement     brown, black, blue     Cable weigth     29,7 g/m       Material jacket     PUR     Shore A     Shore A     Freedom from ingredients (jacket)     4,1 mm       Outer-diameter (jacket)     4,1 mm     Tolerance outer diameter (sheath)     ± 5 %     Material wire insulation     PP       Amount wires     3     Stranding     3     Cable     PP	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-114 (M8)Installation   CableCable identification033Cable identification033Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,7 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material vire insulationPPAmount wires3Outer diameter insulation1,25 mm	Important installation notes	
Note on behalting radius     endangered by excessive bending forces.       Conformity     endangered by excessive bending forces.       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification     033       Cable identification     033     Cable identification     033       Cable identification     033     Cable identification     033       Cable of Cortificate     current identification     033     Cable identification     033       Type of Certificate     current identification     033     Cable identification     033       Amount stranding     1     Stranding     3 wires twisted     0     Stranding     3 wires twisted       Stranding     3 wires twisted     Due     Cable weigth     29,7 g/m       Material jacket     PUR     Store A     PUR     Store A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Couler-diameter (jacket)     4,1 mm       Tolerance outer diameter (sheath)     ± 5 %     A     PP       Amount wires     3     Cuber diameter insulation     1,25 mm	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 61076-2-114 (M8)   Installation   Cable   Cable identification 033   Cable identification 033   Cable Type 3   Jacket Color yellow   Type of Certificate cURus   Amount stranding 1   Stranding 3 wires twisted   wire arrangement brown, black, blue   Cable weigth 29,7 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) 4,1 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PP   Amount wires 3   Outer diameter insulation 1,25 mm	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.
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 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 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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