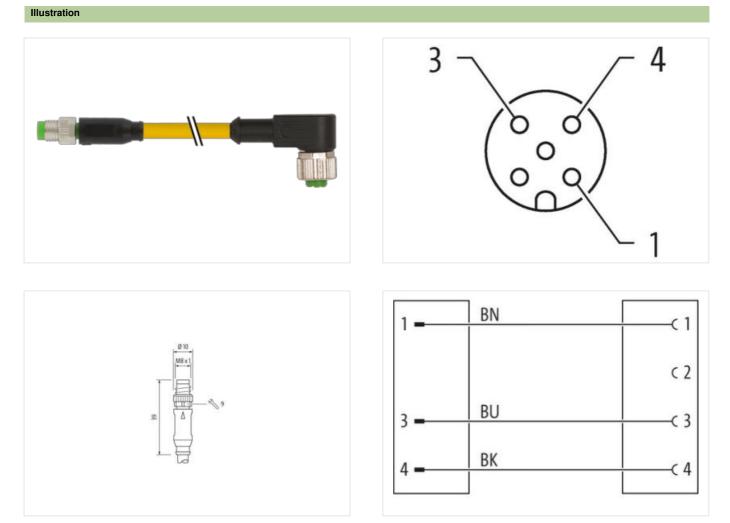


## M8 male $0^{\circ}$ / M12 female $90^{\circ}$ A-cod.

PVC 3x0.25 ye UL/CSA 1.5m

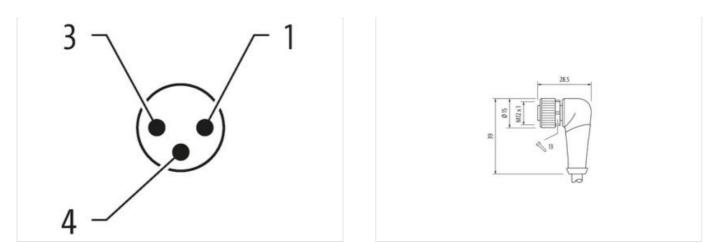
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. 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: 2024-04-27





Product may differ from Image



Cable length	1,5 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
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$ )	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
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

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: 2024-04-27



Suttoms Land number     444490       GNIN     44449712341       Packaging unit     1       Electrical data [Suppy     50 V       Operating voltage AC max.     4 A       Dagenetic     20 V       Operating voltage AC Li-Listed)     30 V       Operating voltage AC Li-Listed)     30 V       Device protection [EN ICC 00529)     PR5, PC7, PD8, PD6K       Addisonal Conflict Ner Conference     20 Protection [EN ICC 00529)       Device protection [EN ICC 00529)     PR5, PC7, PD8, PD6K       Addisonal conflict no protection degree     nametal, screwed       Politation Degree     3       Rade args voltage     1.5 KV       Material args atterial data     IEX Koncol data       Material args atterial data     Environmental characteristics [Contection]       Material proving     FI/H       Locking material data screetistics atterial data     Environmental characteristics [Contection]       Material proving     FI/H       Locking material	ETIM-5.0	EC001855
Packaging unit     1       Electrical data [Supply     Image: Comparing voltage AC max.     60 V       Operating voltage AC max.     60 V     Operating voltage AC max.     60 V       Operating voltage AC (UL listed)     30 V     Image: Comparing voltage AC (UL listed)     30 V       Corrent operating por contact max.     4 A     Image: Comparing voltage AC (UL listed)     30 V       Device portection [Electrical     Image: Comparing voltage AC (UL listed)     30 V       Device portection (In Electrical     Image: Comparing voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)       Device portection (In Electrical     Image: Comparing voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)       Device portection (In Electrical     Image: Comparing voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)       Device portection (In Electrical     Image: Comparing voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)       Device portection (In Electrical     Image: Comparing voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)       Device portection (Internet voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)     Image: Comparing voltage AC (UL listed)       Costing locking     Nickled     Image: Compa	customs tariff number	85444290
Electrical data   Supply     So V       Operating voltage AC max.     60 V       Operating voltage AC (UL islood)     30 V       Operating voltage AC (UL islood)     30 V       Operating operating por contact max.     4 A       Diagnosting     Voltage AC (UL islood)       Diagnosting por contact max.     4 A       Diagnosting por contact max.     4 A       Device poredectino [Electrical     Voltage AC (UL islood)       Device poredectino [Electrical     Institution AC (UL islood)       Addisional condition protection degree     Institution AC (UL islood)       Pather spread (Electrical     Institution AC (UL islood)       Pollution Degree     3       Pather spread (Electrical     Institution AC (UL islood)       Medragi apple (Electrical     Institution AC (UL islood)       Pollution Degree     3       Pather spread (Electrical     Institution AC (UL islood)       Medragi apple (Electrical     Institution AC (UL islood)       Medragi apple (Electrical     Institution AC (Electrical       Control (Electrical     No (UL islood)       Medragi apple (Electrical     No (Electrical       Control (Electrical </td <td>GTIN</td> <td>4048879123341</td>	GTIN	4048879123341
Operating voltage AC max.     50 V       Operating voltage AC (max.e)     60 V       Operating voltage AC (max.e)     30 V       Operating voltage AC (max.e)     30 V       Operating voltage AC (max.e)     30 V       Current operating voltage AC (max.e)     4 A       Digenetic     restrict voltage AC max.e)       Discover operating voltage AC max.e)     4 A       Digenetic     restrict voltage AC max.e)       Division protection (FLIC 60529)     IPST, IPS	Packaging unit	1
Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Carrent operating por contact max.     4 A       Diagnostics     Image: Contact max.       Status indication LED     no       Device portection   Electrical     Image: Contact max.       Dagree of protection   Electrical     Image: Contact max.       Dagree of protection   Electrical     Image: Contact max.       Additional contact may.     3       Rated surge voltage max.     1       Material group (EC 60564-1)     25 °C       Contenting bencerature max.	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Concent operating or contact max.     4 A       Diagnotics     58.05       Stabs indication LED     no       Device protection [Electrical     100       Device protection [Electrical     100       Device protection [Electrical     100       Device protection [Electrical     100       Device protection flexterial     100       Device protection flexterial     100       Device protection flexterial     100       Mechanical data [Indevice] (Betterial data)     100       Mechanical data [Indevice] (Betterial data)     100       Material grashit     FKM       Material grashit     FKM       Material data [Indevice] (Betterial data)     Incelerasitics       Mouning method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temperature max.     45 °C       Operating temperature max.     45 °C       Operating temperature max.     45 °C       Operating temperature max.     45 °C  <	Operating voltage AC max.	50 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Designetics     Status indication LED     no       Device protection   Electrical     Device protection   Electrical     Status indication LED     No       Device protection   Electrical     Impose the protection   Electrical     Status indication LED     No       Davide protection   Electrical     Impose the protection   Electrical     Status indication LED     No       Pollution protection forgere     3     Status indication LED     No       Material gaset     Ro     No     No       Material gaset     RoM     Material pasket     RoM       Material pasket     RoM     Material pasket     RoM       Mounting method     Inserted, screwed, Shaking protection     Environmental characteristics   Climate       Operating temperature max.     85 °C     Operating temperature max.     85 °C       Operating temperature max.     85 °C     Operating temperature max.     85 °C       Catorentiz     Climate     Conterniz     Conterniz       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) <td< td=""><td>Operating voltage DC max.</td><td>60 V</td></td<>	Operating voltage DC max.	60 V
Current operating per contact max.     4 A       Disposite        Status indication LED     no       Device protection [Exterical        Device protection [Exterical        Device protection [Exterical construction protoction degree     inserted, screwed       Pallufan Degree     3       Ratef sturge voltage     1,5 kV       Maderial group (Exterical data) Material data        Conting looking     Nickelad       Material gabet     FKM       Material gabet     FKM       Material gabet     FKM       Material protection [Exterical data] Material data     Inserted, screwed, Shaking protection       Extrementation material     Zin die-castring       Mechanical data (Material data)     Inserted, screwed, Shaking protection       Extrementation material     Zin die-castring       Mechanical data (Material data     Generating emperature max.       Contomity        Preduct stand     DIN EN 61076-2-011 (M12), DIN EN 61076-2-014 (M8)       Exterical Color     yellow       Type of Color     yellow       Type of Color     yellow <td>Operating voltage AC (UL-listed)</td> <td>30 V</td>	Operating voltage AC (UL-listed)	30 V
Dispositics     Display       Status indication LED     no       Device protection   Electrical     Device protection (EN LEC 0052)     IP85, IP87, IP88, IP86K       Additional condition protection degree     a     a       Additional condition protection degree     a     a       Rated surge voltage     1, SVV     a       Material group (EC 6064-1)     1     a       Material pasket     FKM     a       Material pasket     PLR     a       Coding locing material     Zne cd-casting     a       Mouring method     inserted. screwed. Shaking protection     a       Environmetal characteristics [Climation on cable quality     Comparing temperature max.     85 °C       Operating temperature max.     85 °C     a     a       Additional condition temperature rank.     85 °C     a<	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Descree of protection   Electrical     IP68, IP67, IP68, IP66K       Deditional constitution protection degree     IP68, IP67, IP68, IP66K       Additional constitution protection degree     3       Rated surge voltage     1, 5 kV       Material group (EC 66664-1)     1       Material group (EC 66664-1)     I       Material group (EC 66664-1)     K       Material group (EC 66664-1)     I       Material group (EC 66664-1)     ID       Mouning methor anio.     ID       Departing temperature max.     B5 °C       Cadditional condition temporature range     depanding on cable quality       Dep	Current operating per contact max.	4 A
Device protection (Ellectrical       Degree of protection (Ellectrical)       Additional condition protoction degree       Additional condition protoction degree       Bated surge voltage       Rated surge voltage       Rated surge voltage       Is IV       Material group (IEC 60684 1)       IC       Coating locking       Material gasket       FKM       Material gasket       Material gasket       Reference and the IMounting deta       Material problem in the IMounting deta       Mounting method       Inserted, screwed, Shaking protection       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Coatomity     Product Screwed, Shaking protection       Istabilization (Coating temperature max.     85 °C       Catomity     Diperature max.       Product standard     Din Nen 61076-2-114 (MB)       Istabilization (Cobin Type)     1       Stabilizatin (Cobi	Diagnostics	
Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Addinian condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 6064-1)     1       Mechanical data   Material data     Voltage       Coaling locking     Nickeled       Material grasket     FKM       Material lousing     PUR       Locking method     Inserted, screwed, Shaking protection       Mechanical data   Mounting data     Zhro die-casling       Mochanical data   Mounting data     Screwed, Shaking protection       Environmental characteristics [ Climatic     Screwed, Shaking protection       Charating condition temperature man,     Screwed, Screwed, S	Status indication LED	no
Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surg voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Extent surg voltage   Coating locking Nickeled   Material gast FKM   Material dask FKM   Material dask FKM   Material dask FKM   Material dask Gasting   Mechanical data   Mouning data Inserted, screwed, Shaking protection   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature min.   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Contemt Environmental Cross Context (MB)   Installation   OliO Cable identification   Cable identification 010   Cable identi	Device protection   Electrical	
Polition Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Coating locking   Material position PKM   Material position PUR   Locking material Zinc die-casting   Mechanical data   Mounting data Inserted, screwed. Shaking protection   Environmental characteristics   Climatic Operating temperature max.   Operating temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Conformity Inserted, screwed. Staking protection   Installation   Cable Coating temperature max.   Cable Type 1   Additional condition temperature range depending on cable quality   Candomity Installation   Cable   Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable UR   Cable Type 1   Jacket Color yellow   Type of Certificate CURus   Amount stranding 1   Stranding 3 wires twisted   wire arrangement brown, black, blue   Cable weigh 29.37 gm   Material packet PVC	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rate surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Include Control of C	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Material gaset   FKM     Material paset   FKM     Material paset   FKM     Material paset   FKM     Material gaset   FKM     Material paset   FKM     Mounting methy   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   25 °C     Operating temperature max.   85 °C     Additional condition temperature max.   85 °C     Cablic dentification   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installion Cable   Edust dentification     Cable dentification   010     Cable fige   1     Jacket Color   yellow <	Pollution Degree	3
Mechanical data   Material data       Coating looking     Nickeled       Material gasket     FKM       Material lousing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       25° °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contemity     Environmental Contect-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Environmental Contect-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Environmental characteristics   Climatic       Cable identification     010       Cable identification <td>Rated surge voltage</td> <td>1,5 kV</td>	Rated surge voltage	1,5 kV
Coating lockingNickeledMaterial gasketFKMMaterial housingPURLocking materialZin cile-castingMechanical data   Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2·101 (M12), DIN EN 61076-2·114 (M8)Installation   CableCable fortification010Cable fortificateculfusType of CertificateculfusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigh29.37 g/mMaterial lacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredents (jacket)4.5 mmTolerance outer (jacket) $4.5$ minOuter diameter (jacket) $4.5$ Shore D	Material group (IEC 60664-1)	Ι
Material gasket     FKM       Material Inousing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     65 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable forpoment       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigh     29.37 g/m       Material jacket     PVC       Freedom from ingredients (jacket)     4.5 mm       Tolerances jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4.5 m       Tolerance outer diameter (sheath)     ± 5 %	Mechanical data   Material data	
Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable       Cable identification     010     Cable identification     010       Cable Type     1     Jacket Color     yellow       Type of Certificate     cURus     Amount stranding     1       Stranding     3 wires twisted     Wire arrangement     Erown, black, blue       Cable weight     29.37 g/m     Material jacket     PVC       Store hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     4.5 mm       Telefarmeor cut fameter (jacket)     4.5 mm     5 %     Material jacket     5 %       Material jackt     PVC     Amount stranding     4.5 mm     5 %       Cable weighth     29.37 g/m     4.5 mm	Coating locking	Nickeled
Locking material   Zinc die-casting     Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   010     Cable Identificate   CURus     Around stranding   1     Stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable wighh   29,37 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   1 ± 5 %     Material wire insulation   1,25 mm     Outer diameter (lacket)   4,5 mm     Tolerance outer diameter (sheath)   1 5 %     Material wire insulation   1,25 mm     Outer diameter insulation	Material gasket	FKM
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable       Cable identification     010     Cable identification     010       Cable Identification     010     Cable Identificate     URVs       Amount stranding     1     Stranding     Installation   Cable       Stranding     3 wires twisted     Wire arrangement     Edus wited       Wire arrangement     brown, black, blue     Cable wight     29,37 g/m       Material jacket     PVC     Store hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4,5 mm     Tolerance outer diameter (jacket)     4,5 mm       Tolerance outer diameter (jacket)     4,5 mm     Tolerance outer diameter (jacket)     4,5 mm       Tolerance outer diameter (jacket)     4,5 mm     Outer diameter (jacket)     4,5 mm	Material housing	PUR
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       Conformity        Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable        Cable infification     010       Cable Type     1       Jacket Color     yellow       Type of Certificate     cJRus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     29,37 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4,5 rum       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Anount wires     3       Outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Abler relam	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       Conformity        Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable        Cable right        Zable identification     010       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arragement     brown, black, blue       Cable weigth     29.37 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 (jacket)     4,5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Ammetris insulation     PVC       Ammetris insulation     1,25 mm       O	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification010Cable identification010Cable Identification010Cable ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable identification93.7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.5 %	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   010     Cable I Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   29,37 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 (jacket)   4,5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   45 ± 5 Shore D	Environmental characteristics   Climatic	
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   010     Cable I Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   29,37 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 (jacket)   4,5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   45 ± 5 Shore D	Operating temperature min.	-25 °C
Additional condition temperature range   depending on cable quality     Conformity     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable     Cable identification   010     Cable identification   010     Cable I Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weight   29,37 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 (jacket)   4.5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   45 ± 5 Shore D		
ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification010Cable identification010Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		
Installation   CableCable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		
Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Installation   Cable	
Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable identification	010
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable Type	
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Jacket Color	yellow
Stranding3 wires twistedWire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Amount stranding	1
Cable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 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)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable weigth	29,37 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material jacket	PVC
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	-	85 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		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   45 ± 5 Shore D		-
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Tolerance outer diameter (sheath)	
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		
Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 45 ± 5 Shore D		
Shore hardness wire insulation 45 ± 5 Shore D		
Material properties wire insulation good machinability		
	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: 2024-04-27



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	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: 2024-04-27