

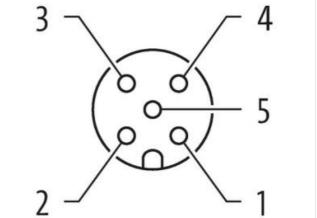
## M12 male 0° / M12 female 0° A-cod. AIDA

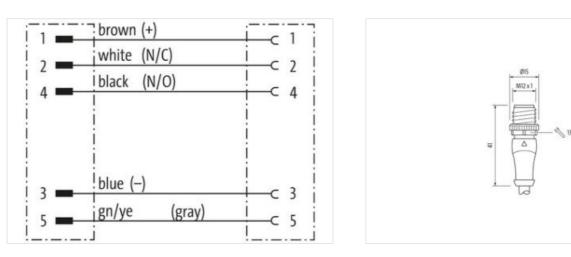
PUR 5x0.34 ye UL/CSA+drag ch. 0.3m

AIDA conform Male straight – female straight M12 – M12, 5-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

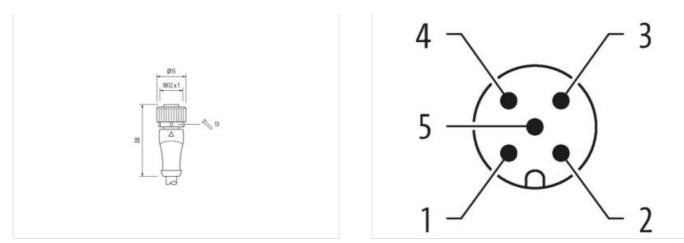






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-13





Product may differ from Image



Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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

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Database laniff number     6444290       CTIN     40142574422403       Packadging unit     1       Electrical data i Suppy        Operating values AC max.     125 V       Operating values AC (UL-lated)     30 V       Device protection Flectrical        Addition protection degree     insarted. screwed       Paulition Degree     3       Relati surge values     3       Carling values     Zinc dife carling       Material group (IC 6068-1)     1       Machanid Call Mounting data     Zinc dife carling       Mouring method     restered. screwed. Shaking protection       Environmethal characteristics (Climatic     Consing temperature min.       Additional confilter Imperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature min.     25 °C       Operating te	ETIM-5.0	EC001855
GTM     4040875408243       Packaging unit     1       Electrical cisk   Supply        Operating voltage AC max.     125 V       Operating voltage AC (UL-Isted)     30 V       Control cisk problem     30 V       Operating voltage AC (UL-Isted)     30 V       Control cisk problem     4 A       Device protection   Electrical     4 A       Additional condition protection digore     inserted, screwed       Polition Dagree     3       Rated supp voltage of Cisk 3     15 KV       Machanical disk Material disk     Electrical Cisk 3       Casting Locing Infect disk 4     Zmc disc cisk 3       Locking material     Zmc disc cisk 3       Morting strafts     Zmc disc cisk 3       Morting strafts     Zmc disc cisk 3       Device material disk Material disk     Zmc disc cisk 3       Control protection strafts strafts active straft, screwed, Shaking protection     Environmental characteristics   Cimate       Device material installation notes     85 °C     Control 1       Parking straft strafts active straft, screwed, Shaking protection     Screwed, Shaking protection disk 4, gto 1 ft Into 10 ft Into 1		
Electrical data   Soppiy     Use Non-Normal Norma (Normal Normal Norman Normal Norman Normal Normal Normal Normal Normal Norman Normal		
Operating voltage AC max.     125 V       Operating voltage AC (U-steed)     30 V       Operating voltage AC (U-steed)     30 V       Operating voltage AC (U-steed)     30 V       Contrant operating voltage AC (U-steed)     30 V       Device protection   Electrical     4 A       Device protection   Electrical     Institut, served       Additional condition protection degree     institut, served       Protection   Electrical     Institut, served       Material group (IEC 80864-1)     I       Mechanical dia I Moterial data     Zarc dia cassing       Mechanical dia I Moterial data     Zarc dia cassing       Mechanical dia I Moterial data     Zarc dia cassing       Mechanical dia I Mounting data     Zarc dia cassing       Mechanical dia I Mounting data     Zarc dia cassing       Mechanical dia I Mounting data     Zarc dia cassing       Material group rature min.     25 C       Operating temperature min.     25 C       Operating temperature max.     85 °C       Addition condition temperature max.     85 °C       Note on barding radu     Attention: Course the permitsible bording radia when living cables, as the IP protection cassican bard	Packaging unit	1
Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (U-Listed)     30 V       Operating voltage AC (U-Listed)     30 V       Control operating voltage AC (U-Listed)     30 V       Control operating voltage AC max.     4 A       Device protection   Electrical     Additional condition protection degree       Nation Degree     3       Rated argo voltage     1.5 kV       Material focus (UE costed-1)     1       Mechanical dotal [Mouting data     Under dotating       Mechanical dotal [Mouting data     Environmental characteristics (Control       Deparating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature arrange     deparding on cable quality       Important Installation notes     Attention: Control by suitable measures from mechanical loads, e.g. by the usage of cable loss.       Note on barding radiu     Dis No 16 r0? - 101 (M12)       Imastina field     Dis N	Electrical data   Supply	
Operating voltage DG max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Corrent governage DC (UL-listed)     30 V       Additional condition protection degree     3       Pollation protection agree     3       Additional condition protection degree     1       Mechanical data IMaterial data     Concent governage       Constrain governage     Nokwied       Locking material     Zinc die-casting       Mechanical data IMounting data     Mounting method       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comatilia (protection descrewed, Shaking protection       Dorating inserted, screwed, Shaking protection     Screeconcentric       Constrain installation notes     Herton: Chorene the pometric protection class can be environing radiu       Dorating inserted, screeconcentry by suitable measures from mechanical loads, e.g. by the usage of cable free.       Note on strin inself     Portect the connectors by suitable measures fr		125 V
Operating voltage AC (IL-listed)     30 V       Operating voltage AC (IL-listed)     30 V       Contract operating per contact max.     4 A       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     issetd, screwed       Polution Degree     3       Rated surge voltage     1.5 kV       Material group (IEC 06664-1)     1       Mechanical dial Material data     Zinc dia- casting       Mechanical dial Mounting data     Sinc dia- casting       Mechanical dial Mounting data     Generaling on cable quality       Important installation notes     Material condition temperature max.       Operating temperature max.     Sin *C       Additional condition temperature range     depending on cable quality       Important installation notes     Alternotic: Tobeave the permissible bending individent lying cables, as the IP protection dias		
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection Electrical     Inserted, screwed       Pollution Dagree     3       Rated surge voltage     1.5 kV       Material group (EC 60664.1)     1       Mechanical data [Material data     Contact data       Contant of the screwed     Inserted, screwed, Staking protection       Looking material     Zinc die-cassing       Mechanical data [Material data     Zinc die-cassing       Material group relature min.     25 °C       Operating lemperature min.     25 °C       Operating lemperature max.     85 °C       Adtional condition toreposture rarge     depending on cable quality       Important Installation notes     Attention: Cobero ethe permissible bending radi when laying cables, e.g. by h		
Current operating per contact max.     4 A       Device protection   Electrical       Additional control protection degree     3       Rated surge voltage     1,5 kV       Material strong (EC 60664-1)     1       Mechanical data   Material data     Conting cooking       Coaling cooking     Nickuled       Cooking cooking     Nickuled       Cooking cooking     Nickuled       Cooking cooking     Nickuled       Cooking cooking     Scrowed. Shaking protection       Periating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Important installation notes       Nole on strain relief     Potect the connectors by suitable masures from mechanical loads, e.g. by the usage of cable lies.       Note on terring radius     Attention: Observe the periature liaking indicate, e.g. by the usage of cable lies.       Conomity     Potect the connectors by suitable masures from mechanical loads, e.g. by the usage of cable lies.		
Additional condition protection degree inserted, screwed   Politation Dagree 3   Reader surge voltage 1,5 kV   Material group (EC 66664.1) 1   Mechanical data   Material data Coading locking   Coading locking Nickeled   Locking material Zne die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature min.   Operating temperature min. -25 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.   Attention: Observe the permissible bending tradi when laying cables, as the IP protection class can be ending tradit when laying cables, as the IP protection class can be ending tradit when laying cables, as the IP protection class can be ending tradit when laying cables, as the IP protection class can be ending tradit when laying cables, as the IP protection class can be ending tradit when laying cables, as the IP protection class can be		
Poliution Degree 3   Rated surge voltage 1.5 kV   Material group (E 60664-1) 1   Mechanical data   Material data Coating locking Nickeled   Locking material Zinc die ceating   Mechanical data   Munting data Mechanical data   Material data   Mechanical data   Munting data Inserted, screwed, Shaking protection   Environmental characteristics   Climatic Coperating temporature min. -25 °C   Operating temporature min. -25 °C   Operating temporature max. 85 °C   Additional condition temperature may. depending on cable quality   Important installation networks Attention: Closerw the permissible bonding radii when kaying cables, as the IP protection class can be endangered by excessive banding forces.   Contormity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.   Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.   Colording radius Attention: Closerw the permissible bonding radii when kaying cables, as the IP protection class can be endangered by excessive banding forces.   Colording radius DIN EN 61076 2-101 (M12)   Installation   Cable Cable closefting   Cable othertification 035   Cable Type 3   Jackot Coair yellow </td <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
Poliution Degree   3     Rated surge voltage   1.5 kV     Material group (E 60684-1)   1     Mechanical data   Material data   Coating locking   Nickeled     Locking material   Zinc die cealing   Mechanical data   Material data     Mechanical data   Material data   Zinc die cealing   Mechanical data   Material data     Mechanical data   Material data   Maunting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.   85 °C     Operating temperature max.   85 °C   Additional condition temperature may   depending on cable quality     Important installation notes   Note on stain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tos.     Note on stain relief   Protection Closers the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces.     Contormity   Eveloade thermission   Cable forefitticaton     Cable of tentification   O35   Cable Type     Cable of tentification   O35   Cable Type     Ansult stranding   1   Stranding   Stranding     Stranding   5 % intes around Core filter twistad		inserted, screwed
Rate aurge voltage     1,5 kV       Material group (EC 5064-1)     1       Mechanical data [Material data     Costing locking       Nickeled     Zinc die-casiing       Mechanical data [Mounting data     Mounting method       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Operating temperature max.       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 tes.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e, g, by the usage of cable tes.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e, g, by the usage of cable tes.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e, g, by the usage of cable tes.       Controlly     Eade load influence       Product standard     DIN EN 61076-2·101 (M12)       Installation [ Cable     Cable influentification       Cable influentification     035       Cable influentificate     cURus       Anoun	· · ·	,
Material group (IEC 60684-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Coding nearing     Zinc die-casting     Mechanical data   Mounting data       Mechanical data   Mounting data     Inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature min.     -25 °C     Operating temperature max.     85 °C       Additional condition temperature may.     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 tes.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and angerod by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2101 (M12)       Installation   Cable     Cable Type     3       Cable Type     3		1.5 kV
Mechanical data   Material data       Cataling locking     Nickelied       Locking material     Zinc die casting       Mechanical data   Mounting data     Incerted, screwed, Shaking protection       Environmental characteristics   Climatic     Incerted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature min.     -25 °C     -Comparition temperature man.     65 °C       Additional condition temperature range     depending on cable quality     Important installation notes       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.       Conternity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Product standard     DIN EN 61076-2-101 (M12)       Installation [Cable     Environmental excessive bending forces.       Cable infinition     055       Cable infinition     055       Cable infinition     055       Cable infinition     05       Cable infinition     05       Cable infinition     05       Cable infinition		
Coating locking     Nickeled       Locking material     Zinc die-casting       Mounting method     Inserted, screwed, Shaking protection       Environmenial characteristics   Climatic     Operating temperature max.       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 standard     DIN EN 61076-2·101 (M12)       Installion   Cable     Cable Type       Cable fitype     3       Jacket Color     yellow       Type of Certificate     cURus       Anount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       Wrie arangement     brown, black, blue, while, green-yellow       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigh     41.8 g m		
Locking material     Zinc die casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     25 °C       Operating temperature max.     85 °C     Additional condition temperature may     depending on cable quality       Important installation notes     Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Rober of the diffication     O35       Cable ripp     3       Jacket Color     yellow		Nickeled
Mechanical data   Mounting data       Mounting method     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       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.       Contomity     Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable dentification     035       Cable fortificate     OLIN EN 61076-2-101 (M12)       Installation   Cable     Color       Type of Cortificate     cLIPus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Traversing distance (C-track)     10 m@ 25 °C   horizontal       Cable weight     41,8 g/m       Material jacket     PUR		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material condition temperature range       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     Materiation: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.       Conformity     UN EN 61076-2-101 (M12)       Installation   Cable     Cable forge       Cable forge     3       Jacket Color     yellow       Type of Carrificate     cuRus       Anount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arangement     brown, black, blue, white, green-yellow       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigh     4	0	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Mote on stain relief       Note on stain 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 61076-2-101 (M12)       Installation   Cable     Cable region       Cable region     3       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arangement     brown, black, blue, white, green-yellow       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigh     41.8 g/m       Material jacket     PUR       Shore hardneses jacket     90 ± 5 Shore A <t< td=""><td></td><td>inserted screwed Shaking protection</td></t<>		inserted screwed Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature maye     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 lies.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     035       Cable of Color     yellow       Type of Cartificate     cURus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green yellow       Traversing distance (C+rack)     10 m @ 25 °C   horizontal       Cable weigh     41.8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jackel) </td <td></td> <td></td>		
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.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation [ Cable     Cable identification     035       Cable identification     035     Cable identificate       Addust stranding     1     Stranding     1       Stranding     5 wires around Core filler twisted     Filler       Filler     yes     yes     wire arrangement     to m @ 25 °C   horizontal       Cable weigh     41.8 g/m     Material jacket     PUR     Shore hardness jacket     PUR       Shore hardness jacket     90 ± 5 Shore A     Freedom from ingree/ (akeet)     4.8 mm     Tolerance outer diameter (sheath)     ± 5 %       Material jakistion     PP     Amount wi	· · ·	-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.       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 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     035       Cable Identification     035       Cable Identificate     cURus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       write arrangement     brown, black, blue, white, green-yellow       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable- dentify grade     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)		
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 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     035       Cable Identification     035       Cable Identification     035       Cable Identification     045       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Traversing distance (C-track)     10 m@ 25 °C   horizontal       Cable weigth     41,8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (acket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material javiei     5 <td></td> <td></td>		
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     035       Cable identification     035     Cable identification     034       Actext Color     yellow     3     Jacket Color     yellow       Type of Certificate     cURus     Attenting     1       Stranding     5 wires around Core filler twisted     Filler     yes       wrire arrangement     brown, black, blue, white, green-yellow     Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigth     41,8 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)     4,8 mm     PP     Amount wires     5     So       Outer diameter (scleation     PP     Amount wires     5     Cou		
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     Image: Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     035       Cable Type     3       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigth     41.8 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)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     5       Outer diameter insulation     1,25 mm		
Indue on benking radius   endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification   035     Cable Type   3   3     Jacket Color   yellow   Type of Certificate   cURus     Amount stranding   1   1     Stranding   5 wires around Core filler twisted   Filler     Yes   yes   wire arrangement   brown, black, blue, white, green-yellow     Traversing distance (C-track)   10 m @ 25 °C   horizontal   Cable weigth   41,8 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)   4.8 mm     Tolerance outer diameter (sheath)   ± 5 %   Material wire insulation   PP     Amount wires   5   Outer diameter insulation   5   Outer diameter insulation     Outer diameter insulation   1,25 mm   0uter diameter tolerance oure insulation   1,25 mm	Note on strain relief	
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification035Cable itype3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable space90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)± 5 %Material wire insulation1,25 mmOuter diameter (sheath)± 5 %	Note on bending radius	
Installation   CableCable identification035Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)± 5 %Material wire insulationPPAmount wires5Outer diameter (sheath)± 5 %	Conformity	
Cable identification035Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Product standard	DIN EN 61076-2-101 (M12)
Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires5Outer diameter rolerance core insulation± 5 %	Installation   Cable	
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Cable identification	035
Type of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Cable Type	3
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Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Type of Certificate	cURus
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wire arrangementbrown, black, blue, white, green-yellowTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Stranding	5 wires around Core filler twisted
Traversing distance (C-track)10 m @ 25 °C   horizontalCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Filler	yes
Cable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	brown, black, blue, white, green-yellow
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %		
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %		
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %		PUR
Outer-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   5     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Outer-diameter (jacket)	4,8 mm
Amount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm   Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	5
	Outer diameter insulation	-
Shore hardness wire insulation 70 ± 5 Shore D		
	Shore hardness wire insulation	70 ± 5 Shore D

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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
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	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 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	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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