

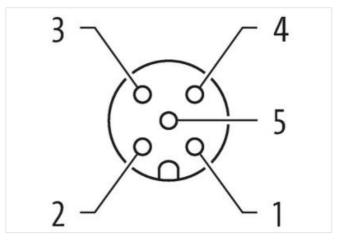
M12 male 0° / M12 female 0° A-cod. AIDA

PUR 5x0.34 ye UL/CSA+drag ch. 1.5m

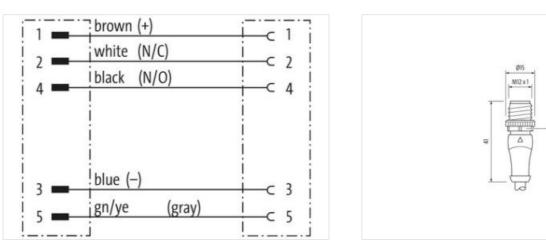
AIDA conform Male straight – female straight M12 – M12, 5-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



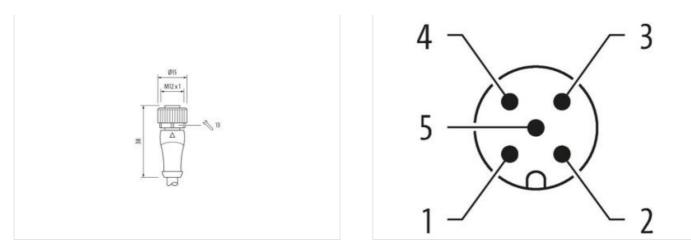


1 8



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: 2024-05-03





Product may differ from Image



Cable length	1,5 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 \emptyset)	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

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: 2024-05-03



customs tariff number8644420GTIN404827483183Packaging unit1Electrical data [SupplyOparating voltage AC max.125 VOparating voltage AC max.125 VOparating voltage AC GUL leaded)30 VCarrent oparating voltage AC GUL leaded)30 VCarrent oparating por contact max.4 ADevice protection [ElectricalAdditional conting portection of grays3.Material grays (Ele SoBel-1)1Material grays (Ele SoBel-1)2Material grays (Ele SoB	ETIM-5.0	EC001855
GTIN 4048679483193 Pashaging unit I Operating voltage AC (max. 125 V Operating voltage AC (max. 125 V Operating voltage AC (u.l-tated) 30 V Operating voltage CD (U.l-tated) 20 V Operating voltage CD (U.l-tated) 20 V Operating voltage CD (U.l-tated) 20 V		
Packaging unit 1 Electrical data I Supply Concenting voltage AG max. 125 V Operating voltage AG max. 125 V Operating voltage AG (LI-letted) 30 V Concenting voltage AG (LI-letted) 30 V Corrent operating are contact max. 4 A Device protection I Electrical Electrical Additions protection degree inserted, screwed Polution Degree 3 Read surge voltage AG (LI-letted) 1 Material group (IEC 80864-1) 1		
Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC Unitsed 30 V Operating voltage AC Unitsed 30 V Operating voltage AC Unitsed 30 V Operating voltage AC Unitsed 4 A Device protection [Becirical Immediate AC Unitsed Additional portention degree 18 acrewed Polizion Degree 3 Additional portention degree 18 Acrewed Initial Surge voltage 1.5 KV Material group (IEC 80664-1) 1 Mechanical data [Material data Zin C de casing Mechanical data [Mouning data Mickeid Locking mainrial Zin C de casing Mechanical data [Mouning data depending on cable gualay Operating temperature min. 25 °C Operating instempating max. 85 °C Additional condition temperature arrage depending on cable gualay Mortani temperature max. 85 °C Operating instempating max. 85 °C Additional condition temperature arrage depending condung cadiny main gating walay gualay, as the IP protection cl	Packaging unit	
Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC Unitsed 30 V Operating voltage AC Unitsed 30 V Operating voltage AC Unitsed 30 V Operating voltage AC Unitsed 4 A Device protection [Becirical Immediate AC Unitsed Additional portention degree 18 acrewed Polizion Degree 3 Additional portention degree 18 Acrewed Initial Surge voltage 1.5 KV Material group (IEC 80664-1) 1 Mechanical data [Material data Zin C de casing Mechanical data [Mouning data Mickeid Locking mainrial Zin C de casing Mechanical data [Mouning data depending on cable gualay Operating temperature min. 25 °C Operating instempating max. 85 °C Additional condition temperature arrage depending on cable gualay Mortani temperature max. 85 °C Operating instempating max. 85 °C Additional condition temperature arrage depending condung cadiny main gating walay gualay, as the IP protection cl	5 5	
Operating voltage PC max. 189 V Operating voltage AC (UL-Isited) 30 V Operating voltage AC (UL-Isited) 30 V Current operating par contact max. 4 A Device protection Flectrical		125 V
Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Concernet operating per contact max. 4 A Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 1.5 kV Machanical doct Machanical doct Machanical doct Machanical doct Machanical doct Machanical doct Machanical doct Machanical doct Device protection Electrical Machanical doct Machanical doct Machanical doct Machanical dota Mounting data Texto de casting Machanical dota Mounting data Texto de casting Machanical dota Mounting data 25 °C Operating temperature max. 85 °C Additional condition temporature range deporting on cable quality Important installation notes Attention: Departang temperature max. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tles. Nattering cables Attention: Departing temperature max. Data datandrad		
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Device protection [Electrical Inserted, screwed Pollution Degree 3 Radia surge voltage 1.5 kV Material group (EC 60664.1) 1 Mechanical data [Material data Zinc die-casting Calaring borking Nickeled Locking material Zinc die-casting Mechanical data [Material data Zinc die-casting Mechanical data [Material data Zinc die-casting Mechanical data [Mounting data Inserted, screwed, Shaking protecton Environmental characteriaties [Climatic Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature rarge depending on cable quality Important Installation notes Materia group (EC 60664.1) Note an early group (EC 60664.1) Note on bording radius Attention: Cohere the permissible bending radii when laving cables, as the IP protection class can be endangread by excessive bording foros. Coherematerial for a climation (Cable Coheremateria) Cable on bording radius Attention: Cohere the permissib		
Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree 3 Rated argo voltage 1.5 NV Material group (EG 6066-1) 1 Mechanical data Material data Zone (Ge 6066-1) Conting (Costing) Nickeled Locising material Zine di-casating Mechanical data Mounting data Inserted, screwed, Shaking protection Pervision material Zin (di-casating) Mounting mathicd Inserted, screwed, Shaking protection Environmental characteriatics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important instaliation notes Materian conscreptions by suitable measures from mechanical loads, e.g. by the usage of cable files. Note on bending radiu Materian conscreptions by suitable measures from mechanical loads, e.g. by the usage of cable files. Conternity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files. Protect stardard DIN EN 61076-2:101 (M12) Instalistion Cable Cable froge. <tr< td=""><td></td><td></td></tr<>		
Device protection Electrical inserted, screwed Additional condition protection degree inserted, screwed Rated surge voltage 1,5 kV Material group (EC 60664.1) 1 Mothan group (EC 60664.1) 1 Mouning methan group (EC 60664.1) 1 Protection characteristics (Climatic Clim		
Additional condition protection degreeinserted, screwedPollution Degree3Pollution Degree1Reted surge voltage1,5 kVMaterial group (IEC 60664-1)1Coating lockingNickoledCoating lockingCan dio castingMechanical data Mounting dataInce dio castingMechanical data Mounting dataInce dio castingMechanical data Mounting dataInce dio castingMourting methodinserted, screwed, Shaking protectionEnvironmethal characteristics ClimaticOperating inserted, screwed, Shaking protectionCoperating inserperature min25 °COperating inserperature min25 °COperating inserperature max.65 °CAdditional condition temperature rangedepending on cable qualityImportant installation notes		
Pailution Degree 3 Rated surge votage 1,5 kV Material group (EGe 60641) 1 Mechanical data Material data Cating (CoS 60641) Coating (CoS 60641) Xine discussifies Mechanical data Material data Cating (CoS 60641) Mechanical data Material data Xine discussifies Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess. Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess. Catormity Environ Qateria Color Protect the connectors by suitab		inserted, screwed
Rated aurge voltage 1,5 kV Material group (IEC 6064-1) I Mechanical data Material data Vickeled Corting locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Olimatic Operating temperature max. Operating temperature max. 85 °C Additional concilion temperature max. 85 °C Additional concilion temperature max. 85 °C Additional concilion 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. 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 DIN EN 61076-2-101 (M12) Easiliation Cable Cable dantification Cable Identification 035 Cable Identification 035 Cable Identification 035 Cable Identification 045 S°C inoticatia Trevers		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Coating locking 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. 45 °C Additional condition temperature may. 45 °C Additional condition temperature may. 45 °C Additional condition temperature may. 45 °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 tise. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contomity Product strandard DIN EN 61076-2-101 (M12) Installation class Installation Cable Quellow Quellow Quellow Type of Certificate QURus Quellow Quellow Quellow Type of Certificate QURus		1.5 kV
Mechanical data Material data Coating looking Nickeled Looking material Zinc die casting Mechanical data Mounting data Mounting method Mounting method inserted, serewed, Shaking protection Environmental characteristics Climatic		
Coling locking Nickeled Locking material Zinc die-casting Mechaical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatu -25 °C Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Important Installation notes -25 °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. 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 radiu when laying cables, as the IP protection class can be endiagened by excessive bending forces. Contormity Inserted Product standard DIN EN 61076-2-01 (M12) Inserted 24 Cable Toppe 3 Jackot Cokor yellow Type of Certificate cuPus Anount stranding 1 Stranding 5 wires around Core filler twisted		
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 may. 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 bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contomity DIN EN 61076-2-101 (M12) Testalation O35 Cable identification O35 Cable identification O35 Cable IType 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+rack) 10 m @ 25 C1 (horizontal Cable weight 41.8 g/m Material jacket	•	Nickeled
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Construction 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. Conternity 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) Installation (Cable Cable identification Cable identification 035 Cable Type 3 Jacket Color yellow Type of Contificate CuFlus Arount stranding 1 Stranding 5 wires around Core filter twisted Filer yes wire arrangement brown, black, blue, white, green-yellow Traversing distance (C-track) 10 @ 25 Scr [horizontal		
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Concerting temperature min. -25 °C Operating temperature max. 85 °C Concerting temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces. Conformity 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) Installation (Cable Conformity Cable identification 035 Cable identification 035 Cable Type 3 Jacket Color yellow Type of Cartificate cJRus Anount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arangement brown, black, blue, while, green-yellow Traversing distance (C-track) 10 m@ 25 °C horizontal Cable weight 41.8 g/m Material j	5	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable lefontification Cable Interpret 3 Jacket Color yellow Type of Certificate cUR/us Amount stranding 1 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 Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4.8 mm <td></td> <td>issanted coroured Sheking protection</td>		issanted coroured Sheking protection
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable Identification 035 Cable Identification 035 Cable Identification 0400000000000000000000000000000000000		inserted, screwed, Snaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contomity Endender of the connectors of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Color Endender of the connectors of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Color Endender of the connectors of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Color UN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 035 Cable identification 035 Cable identification URUS Amount stranding 1 Stranding 5 Filler yes wire arangement	· · · ·	
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 bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endangered by excessive bending forces. Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 035 Cable identification 035 Cable identification 035 Cable identification 035 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 weigh 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 (sheath) ± 5 %	· · · ·	
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 Installation I Cable DIN EN 61076-2-101 (M12) Cable identification 035 Cable Type 3 Jacket Color yellow Type of Certificate CIPus 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 me 25 °C horizontal Cable weigh 41,8 g/m Material jackt 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 jacket PP Outer diameter (insulation PP <		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies. 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 Protect the Connectors by suitable measures from mechanical loads, e.g. by the usage of cable fields. Derivation (Contenting) DIN EN 61076-2-101 (M12) Installation (Cable) Contenting Cable identification O35 Cable identification O35 Cable identification O35 Cable identification O40w 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 weight 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.		depending on cable quality
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Image: Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Conformity 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 Anount wires 5 Outer diameter insulation 1.25 mm	Important installation notes	
Note of bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 035 Cable Identification 035 Cable Type 3 Jacket Color yellow Type of Cartificate CJRus Amount stranding 1 Stranding 5 wires around Core filler twisted Stranding 5 wires around Core filler twisted Filler yes Yes Stranding 10 m @ 25 °C horizontal Cable wigh 41.8 g/m Material Jacket PUR Shore hardness jacket 90 ± 5 Shore A 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 % Stranding 5 Silicone-free Outer diameter insulation PP PA Anount wires 5 Outer diameter insulation 1,25 mm Stranding 15 % Stranding 15 %	Note on strain relief	
Product standardDIN EN 61076-2-101 (M12)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 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 insulation1,25 mmOuter diameter tolerance core insulation± 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 insulation1,25 mmOuter diameter insulation± 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 insulationPPAmount wires5Outer 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-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance 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
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 Type	3
Amount 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)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Jacket Color	yellow
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)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Type of Certificate	cURus
Filleryeswire 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 %	Amount stranding	1
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 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 tolerance core 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 %	Traversing distance (C-track)	10 m @ 25 °C horizontal
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 %	Cable weigth	
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 %	Material jacket	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 insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,8 mm
Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Metaviel wire inculation	PP
Outer diameter tolerance core insulation ±5%	Material wire insulation	
Shore hardness wire insulation 70 ± 5 Shore D	Amount wires Outer diameter insulation	1,25 mm
	Amount wires Outer diameter insulation Outer diameter tolerance core insulation	1,25 mm ± 5 %

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: 2024-05-03



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 ²
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

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: 2024-05-03