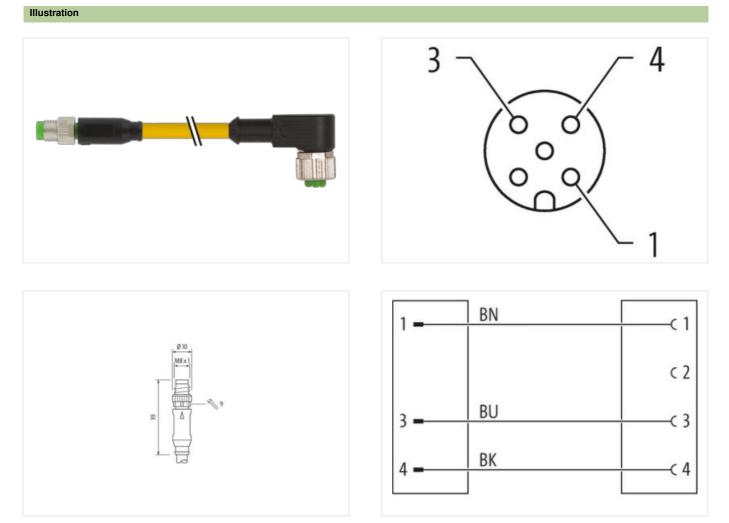


M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 ye UL/CSA+drag ch. 1m

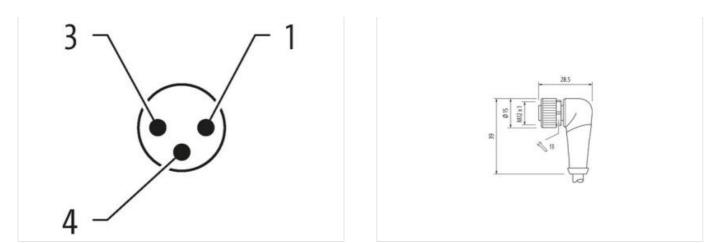
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. 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: 2024-05-01





Product may differ from Image



Cable length	1 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 \emptyset)	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: 2024-05-01



outstorm suff number 8444290 GTN 408879123259 Packaging unit 1 Electrical data [Supply 0 Operating voltage AC max. 60 V Operating voltage AC (LL-steed) 30 V Departed protection [lectrical 0 Degree of protection [lectrical 0 Material group (IE 06 0084-1) 1 Material protection degree 3 Material protection flectrical 0 Degree of protection [lectrical 0 Degree of protection [lectrical 0 Material protection 1 Material protection 0 Dectring protection 1 Dectring protectio	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max: 60 V Operating voltage AC (UL-listed) 30 V Device protection Electrical Electrical reserved Begree of protection Electrical Electrical screwed Pollution Degree 3 Additional condition protection degree isented, screwed Pollution Degree 3 Additional group (EC 60681-1) 1 Elechnical actal [Material data] Zino dise-casting Material gestet FRM Material gestet RCM Mutaring method issarted, screwed. Shaking protection Electrical casting (Douting data) Qinal gestet Mutaring method issarted, screwed. Shaking protection Electrical casting (Douting data) Qinal gester) Mutaring method issarted, screwed. Shaking protection Electrissar	customs tariff number	85444290
Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC (ML. Istad) 30 V Operating voltage DC (ML. Istad) 30 V Current operating per contract max. 4 A Disposition Team operating per contract max. Disposition no Device protection [Electrical mo Device protection [Electrical moster device served Additional condition protection degree insected, served Additional condition protection degree PRI Costing temperature max. PRI Additional condition temperature may. SP °C Operating temperature may. SP °C Operating temperature may. SP °C Operating temperature may.	GTIN	4048879123259
Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Disgnotics	Packaging unit	1
Operating voltage DC max. 60 V Operating voltage DC UL-Bited 30 V Operating voltage DC UL-Bited 30 V Current operating per contact max. 4 A Disposits Image: Contact max. Status indication LED no Device protection [Electical Image: Contact max. Degree of protection [Electical Image: Contact max. Additional condition protection degree 3 Fadds surge voltage and 1.5 kV Material group (EC 60664-1) 1 Mechanical data Material data Control to exasting Conting locing Nickaled Material group (EC 60664-1) 1 Mechanical data Material data FMM Material gasket1 FVM Material gasket1 FVM Material pasket1 EVM Mounting method Inserted, screwed, Shaking protection Evarionmental characteristics [Cloudic Control Operating temperature max. 85 °C Cables destrification 030 Cables destrification 030 Cable identificatio	Electrical data Supply	
Operating voltage AC (IUL-Heted) 90 Y Operating voltage AC (IUL-Heted) 30 V Corrent operating per contact max. 4 A Diagnostics no Device protection [Electrical Diagnostics Dagree of protection [Electrical mester Device protection [Electrical mester Addition protection degree 3 Reted surge voltage 1.5 kV Material hubition [Berlind attal Mester Contign protection [Electrical Mester Material pasket FKM Material pasket INckeled Mounting method inserted. screwed. Staking protection Environmental characteristics [Climatic Operating importature max. Operating importature max. B5 °	Operating voltage AC max.	50 V
Operating vortage AC (ILL-Islend) 30 V Operating vortage DC (ILL-Islend) 30 V Control operating per contact max. 4 A Diagnostics Status indication LED no Device protection [Electrical] Material condition protection degree 3 Rated surge voltage 1,5 kV Material position Material housing Mechanical adia [Metrid adia] Material position Zinc die casting Muchanical characteristics [Climatic Operating temporature min. -25 °C Opprating temporature min. -25 °		60 V
Current operating per centact max. 4 A Disposition status indication LED no Device protection [Electrical mestical accention operation operatio		30 V
Disponsition Status indication LED no Device protection [Electrical IPES, I	Operating voltage DC (UL-listed)	30 V
Status indication LED no Degree or protection [Electrical Image: Sereewed Degree or protection (EN EC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree 3 Rated surge votage 1.5 KV Material group (EC 60564-1) I Incentral (EC 60564-1) I Material group (EC 60564-1) Inserted, sorewed, Shaking protection Extremental characteristics (Climatic Imserted, sorewed, Shaking protection Extrement	Current operating per contact max.	4 A
Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, served Pollution Dogree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) 1 Dechanical data Material data Keleed Material propu (IEC 6064-1) 1 Dechanical data Material data Zhc develage Additional gasket FKM Material pousing PUR Locking material Zhc develaging Mounting method inserted, serveed, Shaking protection Correntizy 25° C Operating temperature max. 85 °C Additional condition temperature max.	Diagnostics	
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Addinonal condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 KV Material group (IEC 60664-1) I Mechanical data Material data Nickeided Casting locking Nickeided Material gasket FKM Material pasket DPUR Locking method inserted, screwed, Shaking protection Mechanical data Mounting data Use casting locking Mounting method inserted, screwed, Shaking protection Environmental characteristics [Climatic 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature may. 85 °C </td <td>Status indication LED</td> <td>no</td>	Status indication LED	no
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) 1 Mechanical data [Material data	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data [Material data Coating looking Nickeled Material position PUR Looking material Zinc die-casting Methanical data [Mounting data Mounting method inserted, screwed, Shaking protection Environmental obtancetristics [Climatic Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Cable Topic Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation [Cable Cable Topic Additional condition temperature may. 030 Cable Topic Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation [Cable Cable Topic 9 Additonal Coolin Cable Topic 9 Jacket C	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Cacting locking Nickeled Material gaskat FKM Material gaskat FKM Material brousing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. Operating temperature min. -25 °C Operating temperature min. 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 distrification 030 Cable forging 3 Cable distrification 030 Cable forging Cable forging Jacket Color yellow Type of Carificate cUHus Amount stranding 1 Stranding 3 wires twisted <td< td=""><td>Additional condition protection degree</td><td></td></td<>	Additional condition protection degree	
Material group (IEC 60664-1) I Mechanical data I Coating locking Nickeled Material gasket FKM Material gasket FKM Material pasket FKM Material pasket Zinc die-casting Mechanical data Mounting data Ione clie-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature max. Operating temperature max. 85 °C Additional condition temperature max. 85 °C Conformity Product standard Din Kanding of Subia Controls Din Kindios Subia Controls Typ	Pollution Degree	3
Mechanical data Material data Caaing 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 temporature min. Operating temporature min. -25 °C Operating temporature max. 85 °C Additional condition temperature range depending on cable quality Continy Environmental Cast Cast Cast Cast Cast Cast Cast Cast	-	1,5 kV
Coating tocking Nickeled Material gasket FKM Material housing PUR Locking material Zino die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Conformity Environmental characteristics Climatic Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable forpe Cable forping 3 Jacket Color yellow Type of Certificate cUFus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 28,4 g/m Material jacket PUR Shore hardneses jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP	Material group (IEC 60664-1)	
Material gasket FKM Material housing 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. 85 °C Additional condition temperature range depending on cable quality Conformity Environmental characteristics Climatic Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable Identification 1 Stranding 1 Stranding 1 Stranding 1 Stranding 1 Shore hardness jacket PUR Shore hardness jacket PUR	Mechanical data Material data	
Material housing PUR 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 range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable identification Qaster Color YepPo 3 Jacket Color yellow Yeppo 3 Advances transfig 1 Stranding 1 Stranding 1 Stranding 3 wires twisted Wire arrangement Dorwn, black, blue Cable wigh 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance out diameter (jacket) 4,1 mm Tolerance out diameter (sheath) 45 % Material jackit wire insulation 92 5 Shore A Shore hardness wire insulation 1,25 m	Coating locking	Nickeled
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 030 Cable identification 030 Cable Identification 030 Catle Identificate URUs Amount stranding 1 Stranding Stranding Insert Net Net Net Net Net Net Net Net Net Ne	Material gasket	FKM
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature main. -25 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Conformity Product standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable Identification 030 Cable Vipe 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4.1 rum Colerander (jacket) 4.1 rum Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP <td>Material housing</td> <td>PUR</td>	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 Units and and the protection (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable identification 030 Cable Type 3 Jacket Color yellow Yellow Yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Wire Strangement Drown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4.1 rm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount twires 3 Content free, Content free	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 Image: Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable Identification 10 Shore Narong Standard	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 identification030Cable identification030Cable Identification030Cable ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26.4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)4.1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1.25 mmOuter diameter foreacce ore insulation1.25 mmOuter diameter foreacce ore insulation± 5 %	Mounting method	inserted, screwed, Shaking protection
Additional condition 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 030 Cable I Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable wight 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulati	Environmental characteristics Climatic	
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 Cable identification 030 Cable I Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 7.2 5 Shore D	Operating temperature min.	-25 °C
ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification030Cable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material ionPPAmount wires3Outer diameter (sheath)± 5 %Material tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Amount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Additional condition temperature range	depending on cable quality
Installation Cable Cable identification 030 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Conformity	
Cable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26.4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4.1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore D	Installation Cable	
Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore D	Cable identification	030
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D		yellow
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Amount stranding	1
Cable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	wire arrangement	brown, black, blue
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Cable weigth	26,4 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Material jacket	PUR
Outer-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D		
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D		
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		
Shore hardness wire insulation 70 ± 5 Shore D		·
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	ingreatent freeness wire insulation	ieau-iree, caumum-iree, CFC-iree, naiogen-iree, silicone-free

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: 2024-05-01



Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	10 Mio. @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 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	IEC 60332-2-2 UL 1581 § 1100 FT2 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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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: 2024-05-01