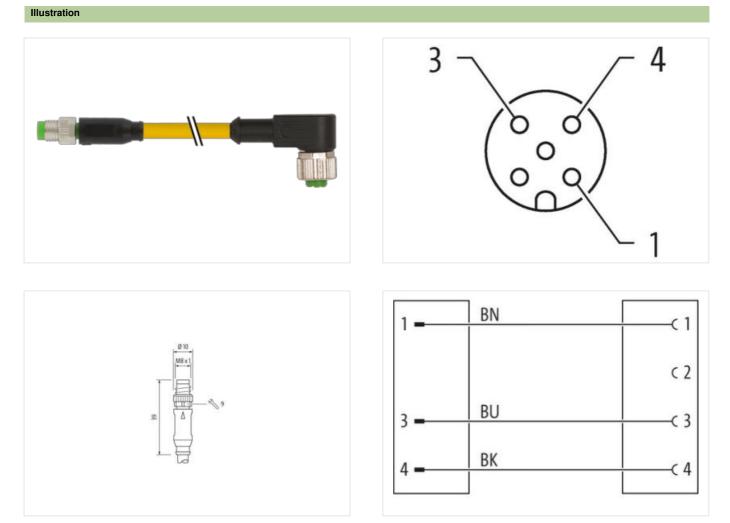


M8 male 0° / M12 female 90° A-cod.

PVC 3x0.25 ye UL/CSA 1.5m

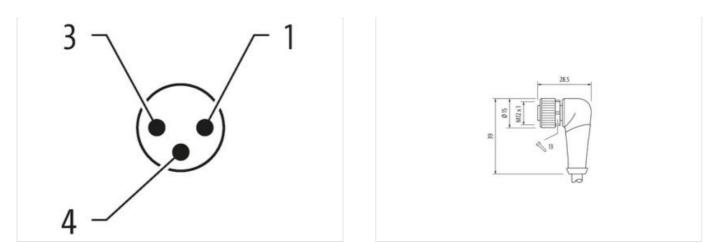
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

Link to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26





Product may differ from Image



Cable length	1,5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $Ø$)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26



pactors aff number944490GNN44989712341Packaging unit1Electrical data [SeppyOperating voltage AG max.50 VOperating voltage AG (LI-Isted)50 VOperating voltage AG (LI-Isted)50 VDataposticalVDataposticalVDataposticalVDataposticalVDataposticalIPES, IPER, I	ETIM-5.0	EC001855
Packaging unit 1 Electrical data [Supply Comparing voltage AC max. 60 V Sol V Operating voltage AC max. 60 V Sol V Sol V Operating voltage AC (LLL failed) Sol V Sol V Operating voltage AC (LLL failed) Sol V Sol V Device protection [Electrical Bevice protection [Ilectrical Bevice protection [Ilectrical Device protection [Ilectrical Ile Sol (PRO	customs tariff number	85444290
Electrical data Supply Constraint origina point of train. S0 V Operating voltage AC (VIL. Isted) 30 V Operating voltage AC (VIL. Isted) 30 V Operating voltage AC (VIL. Isted) 30 V Operating voltage AC (VIL. Isted) 30 V Constraint operating voltage AC (VIL. Isted) 30 V Operating voltage AC (VIL. Isted) 30 V Constraint operating voltage AC (VIL. Isted) 80 V Operating voltage AC (VIL. Isted) Note AC (VIL. Isted)	GTIN	4048879123341
Operating voltage AC max. 50 V Operating voltage AC lusis. 60 V Operating voltage AC lusis. 30 V Operating voltage AC lusis. 30 V Operating voltage AC lusis. 4 A Diagnocits V Stats indication LED no Device protection [Electrical V Device protection [IN EC 00269] IP65, IP67, IP68, IP60K Additional condition protection degree 3 Poliation Degree 3 Additional condition protection degree 1 Nechanical data I Maintel Attack K Maderial protection degree 3 Catalia sups voltage 1.5 X Maderial protection degree 3 Catalia data I Maintel Attack K Maderial protection degree 1 Maderial protection degree 3 Catalia data Sups voltage Nokeled Material positig Zine de- catalig Material positig Zine de- catalig Mounting redoction temperature range depending on cable quality Contact data Mounting data	Packaging unit	1
Operating voltage DC max 60 V Operating voltage DC (UL-listed) 30 V Carront operating por contact max. 4 A Diagnostics mo Basics indication LED no Device protection Electrical Partice protection Electrical Darge of protection (EN IEC 605/29) IP66, IP67, IP68, IP68/ Additional condition protection degree 3 Polution protection (EN IEC 605/29) 15, NV Material group (IEC 605/24) 1 Mechanical data (Material data) Partice Surger Su	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Concern operating or contact max. 4 A Diagnotics no Device protection [listerica] no Device protection [listerica] Dagnotics Days of protection (EN IEC 66529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Reted surge voltage 1,5 kV Material condition protection degree 1,5 kV Material posing Nickeled Material posing Nickeled Material posing PKM Material posing PKM Material posing PKM Material posing PKM Mounting methol inserted, screwed, Shaking protection Environmetal characteristics Climatic Commit Contramy Podex strander Podex strander DIN PN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation (Cable Colder Cable informin DI Jacket Coor yelo	Operating voltage AC max.	50 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Designetits Status Indication LED no Device of protection Electrical Device of protection protection agree Inserted, screwed Pollution Degree 3 Readissing and the screwed Pollution Degree 3 Read surge voltage 1.5 kV Material grace of protection Bectrial data Coating locking No Material grace of protection Bectrial data Coating locking No Material grace of protection Bectrial data Coating locking No Material grace of protection Bectrial data Coating locking No Material grace of protection Bectrial data Coating locking PUR Coating locking PUR Coating locking PUR Material protection Garacteriatics Climatic Cooting Coating locking Coating locking Mouning method inserted, screwed, Shaking protection Environmethal characteriatics Climatic Coating Operating temperature max. 65 °C Coating Coating Coating <t< td=""><td>Operating voltage DC max.</td><td>60 V</td></t<>	Operating voltage DC max.	60 V
Current operating per contact max. 4 A Diagnotics Status indication LED no Device protection [Electrical PDS, IP67, IP68, IP66K Additional condition protection degree insented, screwed Pullution Degree 3 Rated surge voltage 1,5 kV Material group (CG 60664 +) 1 Insented, screwed Pullution Degree 3 Rated surge voltage 1,5 kV Material group (CG 60664 +) Insented, screwed Pullus Material group (CG 60664 +) 1 Insented, screwed, Status, and S	Operating voltage AC (UL-listed)	30 V
Diagnostics Status indication LED no Device of protection [Electrical Performation (EW IEC 06052) IP65, IP67, IP68, IP66K Additional constition protection degree inserted, screwed Pollution Degree Patidiation protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1, 5k V Material group (IEC 06064-1) 1 Material group (IEC 06064-1) 1 Material gasket PKM Material pasket PKM Material pasket PKM Material possing Dura dio casting Material pasket PKM Material possing Dura dio casting Material possing Material possing Mouning method inserted, screwed, Shaking protection Extremental characteristics [Climatic Operating temperature max. 85 °C Operating temperature max. 85 °C Commit Extremental characteristics [Climatic Operating temperature max. 85 °C Commit Extremental characteristics [Climatic Operating temperature max. 85 °C Commit Extremental characteristics [Climatic Operating temperature max.	Operating voltage DC (UL-listed)	30 V
Status indication LED no Device of protection Electrical Degree of protection Electrical Degree of protection Electrical Additional condition protection degree Status indication LED Polition Degree Status indication LED Polition Degree Status indication LED Material group (EC 6064-1) Internation LED (EC 6064-1) Material group (EC 6064-1) Mouning methiod Mouning methiod Mouning methiod Mouning methiod Mouning methiod Mouning methiod <t< td=""><td>Current operating per contact max.</td><td>4 A</td></t<>	Current operating per contact max.	4 A
Device protection [Electrical Degree of protection (EN EC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) I Mechanical data [Meterial data Conting locking Mechanical data [Meterial data FKN Material position PLR Locking material Zinc die-casting Meterial position inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Evelonmental characteristics [Climatic Concomity Operating temperature min. 25 °C Operating temperature max 65 °C Additional condition DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Quel Quel Quel Quel Quel Quel Quel Quel	Diagnostics	
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additiona protection degree inserted, screwed Pated surge voltage 1,5 kV Material group (IEC 6064-1) I Mechanical data Material data Voltagin Degree Coating locking Nickeled Material gasket FKM Material pasket FKM Material housing PUR Locking method inserted, screwed, Shaking protection Environmental characteristics [Climatic Screwed, Shaking protection Contomity Screwed, Shaking protection Product standard Din Environmental Characteristics [Climatic	Status indication LED	no
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1, 5 kV Material group (EC 60664-1) 1 Mechanical data Material data Coating locking Mikerial group (EC 60664-1) 1 Mechanical data Material data Extended to the screwed of	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data [Material data Image: Constraint of the second	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rate surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Include Composition (IEC 60664-1) Costing locking Nickeled Material gasket FKM Material gasket FKM Material bousing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed. Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable divertification 010 Cable divertification 010 Cable divertification 010 Cable variangement brown, black, blue Cable variangement brown, black, blue Cable weight 29.37 grim Material jackot PVC Shore hardness jackot 85 ± 5	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Material gaset FKM Material paset FKM Muniting method Inserted, screwed, Shaking protoction Environmental characteristics Climatic Operating temperature man. Operating temperature man. 25 °C Contornity ININ EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installion Cable Operating temperature man. Cable identification 010 Cab	Pollution Degree	3
Mechanical data Material data Coaling locking Nickeled Material gasket FKM Material lousing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature man. 85 °C Additional condition temperature range depending on cable quality Concenty Environmental Characteristics Climatic Product standard DIN EN 61076-2-114 (MB) Installation Cable Environmental Characteristics Climatic Cable identification 010 Cable identification 010 Cable identification 010 Cable identification 010 Cable identification OINEN Amount stranding 1 Stranding Sivers twisted Wrise twisted Sivers twisted Kire arangement brown, black, blue Cable weigth 29,37 g/m Materia	Rated surge voltage	1,5 kV
Coating lockingNickeledMaterial gasketFKMMaterial housingPURLocking materialZin cele-cassingMechanical data Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable fortige1Lockord yyellowType ol CertificatecuFusAfranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable veight29.37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4.5 rmTolerance outer (jacket) $4.5 rmOuter diameter (jacket)4.5 rmOuter diameter insulationPVCAmount tires insulation3Outer diameter insulation4.5 rmOuter diameter insula$	Material group (IEC 60664-1)	
Material gasketFKMMaterial housingPURLocking materialZinc die-castingMechanical data Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification010Cable Type1Jacket ColoryellowType of CertificatecUFusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigh29.37 g/mMaterial jacket85 °SFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (jacket)4.5 mmTolerance outer (sheatth)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheatth)± 5 %Material wire insulationPVCAmount wires3Outer diameter (belarence one insulation $1.25 mm$ Outer diameter (belarence one insulation $45 \pm 5 Shore D$	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 Installation Cable Installation Cable Installation Cable Cable identification 010 Cable identification Installation Cable Stranding 1 Installation Cable Installation Cable Cable identification 010 Installation Cable Installation Cable Stranding 1 Installation Cable Installation Cable Installation Cable Cable weight 29.37 g/m Installation Cable Instanaling Installation Cable Installation C	Coating locking	Nickeled
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 61076-2-114 (M8) Inserted, screwed, Shaking protection Installation Cable Conformity Installation Cable Installation Cable Cable identification 010 Cable identification Oto Cable Identification 010 Cable Identificate CURus Amount stranding 1 Strading Strading Strading Yire arrangement brown, black, blue Cable weigh 29,37 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4,5 mm Tolerance outer diameter (jacket) 4,5 mm Tolerance outer diameter (jacket) 4,5 m Tolerance outer diameter (jacket) 4,5 m Tolerance outer diameter (jacket) 4,5 m Couter diameter (jack	Material gasket	FKM
Mechanical data Mounting data Mounting method inserted, screwed. Shaking protection Environmental characteristics Climatic -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity	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 may. depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 010 Cable Type 1 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Wrier arrangement brown, black, blue Cable weigth 29.37 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.5 rm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount stranding 5 % Shore hardness giacket 85 ± 5 % Freedom from ingredients (jacket) 16ad-free, cadmium-free, CFC-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	Mechanical data Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification010Cable identification010Cable ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.37 g/mMaterial jacketPVCShore hardness jacket45 ± 5 Shore AFreedom from ingredients (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount strain3Outer diameter (isulation1.25 mmOuter diameter (isulation1.5 %Shore hardness wire insulation45 ± 5 Shore D	Mounting method	inserted, screwed, Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification010Cable identification010Cable ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.37 g/mMaterial jacketPVCShore hardness jacket45 ± 5 Shore AFreedom from ingredients (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount strain3Outer diameter (isulation1.25 mmOuter diameter (isulation1.5 %Shore hardness wire insulation45 ± 5 Shore D	Environmental characteristics Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 010 Starding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29.37 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 010 Cable Identification 010 Cable Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29.37 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4,5 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D		85 °C
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification010Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		depending on cable quality
Installation CableCable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Conformity	
Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Installation Cable	
Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable identification	010
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		1
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Jacket Color	yellow
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Amount stranding	1
Cable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable weigth	29,37 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material jacket	PVC
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D		lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D		-
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Tolerance outer diameter (sheath)	
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D		
Shore hardness wire insulation 45 ± 5 Shore D		
Material properties wire insulation good machinability		
	iviaterial properties wire insulation	good machinability

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26