

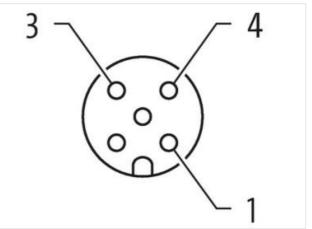
M8 male 90° / M12 female 0° A-cod.

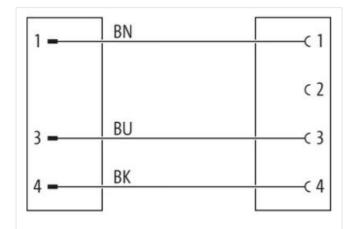
PUR 3x0.25 gy UL/CSA+robot+drag ch. 0.3m

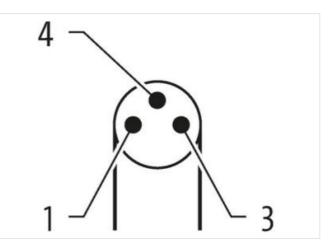
Male 90° – female straight Zinc die casting, save-cover coated M8 – M12, 3-pole Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product













Product may differ from Image



Cable length	0,3 m
Side 1	- /-
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Gender	male
Cable outlet	angled
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
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
Gender	female
suitable for corrugated tube (internal \emptyset)	10 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
Electrical data Supply	

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: 2024-06-26

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



DespectionBlues infociation LEDDevice protection [Electrics]Degree of protection (ENI EC 0629)IDegree of protection (ENI EC 0629)Degree of protection (ENI EC 0629)Degree of protection (ENI EC 0629)Definition DegreeDegree of protection (ENI EC 0629)Blade aurge voltage15 NVMechanical datal Material housingMaterial housingDevining materialZoading lockingMaterial housingDevining materialDevining materialMechanical datal Munting dataMechanical data I Material housingMechanical data I Material housingDevining materialDevining materialDevining materialDevining networksBerotennet I devine Conserve Material housingDevining materialDevining networksBerotennet I devine Conserve the permissible bending radii when laying cables, as the IP protection class can be and and endored be free.Note on strain cellsNote on strain cellsDevining materialDevining materialDevining materialDevining materialDevining Cables, as the IP protection class can be cells materialDevining CablesDevining Cables<	Operating voltage AC max.	50 V
Operating voltage AC (UL-Isted) 30 V Operating voltage bC (UL-Isted) 30 V Content operating voltage bC (UL-Isted) 30 V Diagnotics Status indication LED no Device production [En IEC 60528) IP65, IP67, IP68, IP66K Status indication notes Addition at continuo production degrate inscrited, screwed Status indication notes Pollution Devices 3 Status indication notes Status indication notes Mechanical dista [Metrial datis Status indication notes Status indication notes Status indication notes Mechanical dista [Mounting datis Zinc die casting Mechanical dista [Mounting datis Status indication notes Mounting nethon Inserfed, screwed, Shaking protection Environmental characteristics Climatic Deparing temperature max. 28 °C Comparing temperature max. 88 °C Additiona condition temperature max. 88 °C Comparing temperature max. 88 °C Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tee. Matterian Cole Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tee.	Operating voltage DC max.	60 V
Operating per contact max. 4 A Disprositio Bismositio Device protection (EN EC 6025) IP65, IP67, IP68, IP66K Additional Control (EN EC 6025) IP65, IP67, IP68, IP66K Additional condition protection diagree inserted, screweid Polution Degree 3 Rated surge voltage 1.5 kV Mechanical data [Material data Control tooling Control tooling pull Looking mathematical data Zone directions Operating tooling PUF Looking mathematical data Zone directions Operating tooling tooling PUF Looking mathematical data [Mouning data Zone directions Operating tomporature mix. 85 °C Operating tomorature mixer Materinal couthe tom		30 V
Current operating per contact max. 4 A Degree of protection (Electrical no Device protection (Electrical Electrical Degree of protection (Electrical Electrical Degree of protection (Electrical Electrical Machinal candidation protection degrad Inserted, sorewed Pollution protection degrad 3 Rated surge voltage 1.5 kV Machanical dical Material data Machanical dical Material data Machanical dical Material data Zinc dio cauting Machanical dical Mounting data Xinc dio cauting Machanical dical Mounting data Xinc dio cauting Machanical dical formation 25: 0 Operating temperature max. 25: 0 Operating temperature max. 25: 0 Operating temperature max. 25: 0 Additional comolition temperature range depending on cable quality Insolution temperature max. 25: 0 Additional comolition temperature range depending on cable quality Insolution temperature max. 25: 0 Additional comolition temperature range depending on cable quality <t< td=""><td></td><td>30 V</td></t<>		30 V
Salas indication LED no Device protection [Electricat Fiele, IPR, IPR, IPR, IPR, IPR, IPR, IPR, IPR	Current operating per contact max.	4 A
Salas indication LED no Device protection [Electricat Fiele, IPR, IPR, IPR, IPR, IPR, IPR, IPR, IPR	Diagnostics	
Device protection Electrical PPS, IPS, IPS, IPS, IPS, IPS, IPS, IPS,		no
Degree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPulluon Degree3Rated surge voltage1.5 kVCoating lookingsafe-cover coatedMaterial notagingPURLocking materialZins die-costingMachani IncuisingPURMuschani IncuisingSinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticSinserted, screwed, Shaking protectionInserted, screwed, Shaking protectionSinserted, screwed, Shaking protectionCondentingConcentingInserted, screwed, Shaking protectionSinserted, screwed, Shaking protectionInserted, screwed, Shaking protectionSinserted, screwed, Shaking protectionCondentingConcentingInserted, screwed, Shaking protectionSinserted, screwed, Shaking protectionCondenting screwed, Shaking		
Additional condition protection degree iserated Potituin Degree 3 Relate surge voltage 1, NV Mochanical data Material data Costing (coking) safe-cover costed Material housing PUR Costing (coking) safe-cover costed Material housing PUR Costing (coking) safe-cover costed Material housing PUR Costing (coking) safe-cover costed Machanical data Material data Zinc die casting Costing (coking) safe-cover costed Mechanical data Material data Zinc die casting Costing (coking) safe-cover costed Mechanical data Material data Zinc die casting Sofe-Cover costed Cover costed Material resultation in the instant relied Protect he connectors by satiable measures from mechanical loads, e.g. by the usage of cable lies. National condition tomporatur ranke Attention: Costero the permissible bonding radii when laying cables, as the IP protection datas can be endangered by excessive bonding fradii when laying cables, as the IP protection datas can be endangered by excessive bonding fradii when laying cables, as the IP protection datas can be endangered by excessive bonding fradii when laying cables, as the IP protection datas can be endangered by excessive bonding fradii when laying cables, as the	·	
Pollution Dagree 3 Rated surge voltage 1,5 kV Mechanical data [Material data Coating locking Coating locking safe cover coated Material housing PUR Locking material Zinc die-casting Mechanical data [Mounting data inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature mix. Operating temperature mix. 65 °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. Attention: Observe the permissible bending radii when laying cables. as the IP protection class can be endangered by excessive bending radii when laying cables. as the IP protection class can be endangered by excessive bending radii when laying cables. Vie arrangement brown, black, blue Cable tigetType 5 Cable tigetType		
Pated surge voltage 1,5 kV Mechanical data Material data Exacting locking safe cover coated Mechanical data Mounting data Exacting locking PUR Mechanical data Mounting data inserted, screwed, Shaking protection Exacting locking Mechanical data Mounting data inserted, screwed, Shaking protection Exacting locking material Mounting method inserted, screwed, Shaking protection Exacting locking		
Mechanical data Material data Coating looking safe-ovver coated Material housing PUR Coding material Cade-casting Mechanical data Mounting data inserde. Strewed. Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature range depending on cable quality Important installation notes Mechanical biol on cable quality Mechanical condition temperature range depending on cable quality Material also notes Attention: Oscessive banding radiu when laying cables, e.g. by the usage of cable lise. Note on arian relief Protect the connectors by suitable measures from mechanical loade, e.g. by the usage of cable lise. Naterian product Attention: Oscessive banding forces. Continuity Important installation Attention: Oscessive banding forces. Continuity Installation (Cable Installation: Osces Socias Cable Ca		
Coding locking safe-over coated Material housing PUR Locking material Zinc die-casting Mechanical datal Mounting data inserted, screwed, Shaking protection Environmental characteristics [Climatic Environmental characteristics [Climatic Operating temperature min. 25 °C Operating temperature man. 85 °C Additional condition temperature range depending on cable quality Important installation notes Retention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Vertoet 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. Color DNE N 51076-2-101 (M12), DIN EN 61076-2-104 (M8) Installation [Cable DNE N, Diack, blue Cable identification 250 Cable identification 250 Cable identification 250 Cable identification 1 Stranding 3 wise stwisted Macro I id acader <td< td=""><td></td><td>1,3 KV</td></td<>		1,3 KV
Material housing PUR Locking material Znc die casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Inserted, screwed, Shaking protection Environmental characteristics Climatic 25 °C Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contormity Contormity Product standard Din Nn 61076-2-101 (M12), DIN Nn 61076-2-104 (M8) Installation Cable So Cable Ingentification 250 Cable Ingentificat		
Locking material Zinc die-casting Mechnique Method inserted, screwed, Shaking protection Environmental characteristics [Climatic Coperating temperature max. 85 °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 tes. Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Conormity Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Meterion: Colserve the permissible bending radii when laying cables, as the IP protection class can be only a radii when laying cables, as the IP protection class can be only a radii when laying cables, as the IP protection class can be only a radii when laying cables, as the IP protection class can be only a radii when laying cables, as the IP protection class can be only a radii and the laying cables, as the IP protection class can be only a radii when laying cables, as the IP protection class can be only a radii and the laying cables, as the IP protection class can be only a radii and the laying cables, as the IP protection class can be only a radii and the laying cables, as the IP protection class can be only a radii and the laying cables, as the IP protection class can be only a radii and the laying cables, as the IP protection class can be only a radii and the radii and radii and the class on a radii and radii and the class		
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Concommental characteristics Climatic Operating temperature man. 85 °C Additional condition temperature man. 85 °C Additional condition temperature man. 85 °C Additional condition temperature man. 85 °C 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 Charitoric: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contemity Product standard Product standard Diners 10 (M12), DIN EN 61076-2-104 (M8) Installation (Cable Environ: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conternity Environ: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Cable of environ: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Cable of environ: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forc		-
Mounting method inserted, screwed, Shaking protection Environmental characteristics / Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation networe range depending on cable quality Important installation temperature range depending on cable quality Mete on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Wet are areagement Conternition: Chaster the pormissible bending radii when laying cables, as the IP protection class can be reliantification Stranding 1 Stranding 1 Stranding 1 Stranding 1 Stranding 1 Stranding 3 wires twisted Wete arangement Kown, black, blue	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 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 fles. 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 standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Installation Cable user standard View arangement brown, black, blue Cable Iotentification 250 Cable Clori gray Type of Certificate cuRus Amount stranding 1 Stranding 3 wires twisted wire arangement brown, black, blue Cable weight 26.4 g/m Material jackt PUR Shore hardness jacket 58 ± 3 Shore D Freedon from ingredients (jacket) lead-free, cadmiu	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 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. Additional radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conternity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Installation [Cable wire arrangement brown, black, blue Cable identification 250 Cable IType 5 Jacket Color gray Type of Cafficate CIRus Anount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 26.4 g/m Material jacket PUR Stranding 3 wires twisted Wire arrangement 58 ± 3 Shore D Cable weigh 26.4 g/m	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Meteon 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. Commity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 250 Cable Identification Zoble identification 250 Cable Identificate Other standard 0 Forwn, black, blue Cable Identificate Cable Identificate CJRus Cable Identificate CJRus Arrangement brown, black, blue Cable Identificate CJRus Arrangement brown, black, blue Cable Viegith 26,4 g/m Material jacket PUR Standing 3 strest twisted Starding 3 strest strest communi-free, CFC-free, halogen-free, silicone-free Cuter diameter (sheath) Cuter diameter (sheath) <td>Environmental characteristics Climatic</td> <td></td>	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important installation notes Attention:: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. 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), DIN EN 61076-2-104 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 250 Cable Type 5 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter tolerance core insulation 25 % Material wire insulation PP Amount wires 3 3	Operating temperature min.	-25 °C
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 ending fraction when laying cables, as the IP protection class can be ending fraction when laying cables, as the IP protection class can be ending fraction when laying cables, as the IP protection class can be ending fraction. Conformity IN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Installation Cable brown, black, blue Cable dentification 250 Cable dentification 250 Cable Golor gray 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 58 ± 3 Shore D Freedom from ingredients (jacket) 4,3 mm Tolerance outer diameter (sheath) 5 % Material wire insulation PP Antont wires 3 Outer diameter (blerance core insulation <t< td=""><td>Operating temperature max.</td><td>85 °C</td></t<>	Operating 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 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), DIN EN 61076-2-104 (M8) Installation [Cable Image: Conformity View arrangement brown, black, blue Cable Identification 250 Cable Identification gray Type of Certificate Gray Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26,4 g/m Material jackt PUR Store hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer diameter (jacket) 4 5 % Material jackt PP Amount stranding 1.5 % Shore hardness incluation 1.25 mm Outer diameter (jacket) 1.25 mm <t< td=""><td>Additional condition temperature range</td><td>depending on cable quality</td></t<>	Additional condition temperature range	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 61076-2-104 (M8) Installation Cable Image: Conformity Image: Conformity DIN EN 61076-2-104 (M8) Installation Cable Event (M12), DIN EN 61076-2-104 (M8) Image: Conformity Event (M12), DIN EN 61076-2-104 (M8) Conformity Go Go Conformity Go Go Stranding 1 Stranding Image: Stranding	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. Conformity Image: Conformity Product standard DIN EN 61076-2-104 (M8) Installation Cable Image: Conformity Image: Conformity DIN EN 61076-2-104 (M8) Installation Cable Event (M12), DIN EN 61076-2-104 (M8) Image: Conformity Event (M12), DIN EN 61076-2-104 (M8) Conformity Go Go Conformity Go Go Stranding 1 Stranding Image: Stranding	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)Installation Cablewire arrangementbrown, black, blueCable identification250Cable Type5Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,41 Shore DIngredient ficenees wire insulation74 ± 3 Shore DShore hardness wire insulation32	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation Cablewire arrangementbrown, black, blueCable identification250Cable Type5Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacket5 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Matorial javies3Outer diameter insulationPPAmount wires3Outer diameter lolerance core insulation± 5 %Shore hardness wire insulation7 ± 3 Shore DIngredient freeness wire insulationFee, cadmium-free, CFC-free, halogen-free, silicone-freeMaterial wire insulation3Outer diameter lolerance core insulation± 5 %Shore hardness wire insulation7 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Conformity	
wire arrangementbrown, black, blueCable identification250Cable Type5Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer failameter (sheath)± 5 %Matorial jacit3Outer diameter fuelrance1,25 mmOuter diameter tolerance ocore insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance ocore insulation± 5 %Shore hardness wire insulation5 %Shore hardness wire insulation2,2 mmOuter diameter tolerance ocore insulation± 5 %Shore hardness wire insulation32	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)
Cable identification250Cable Type5Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulation1ead-free, cadmium-free, CFC-free, halogen-free, silicone-freeMaterial wire insulation3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation32	Installation Cable	
Cable identification250Cable Type5Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulation1ead-free, cadmium-free, CFC-free, halogen-free, silicone-freeMaterial wire insulation3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation32	wire arrangement	brown, black, blue
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationIead-free, cEFC-free, halogen-free, silicone-freeAmount strands (wire)32	Cable Type	5
Amount stranding1Amount stranding3 wires twistedstrandingbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulation74 ± 3 Shore DIngredient freeness wire insulation82	Jacket Color	gray
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulation1ead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Amount stranding	1
Cable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationIead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Stranding	3 wires twisted
Material jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationiead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	wire arrangement	brown, black, blue
Shore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Cable weigth	26,4 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Material jacket	PUR
Outer-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation74 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Shore hardness jacket	58 ± 3 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 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Freedom from ingredients (jacket)	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 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Outer-diameter (jacket)	4,3 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Tolerance outer diameter (sheath)	
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Material wire insulation	
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Amount wires	
Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32	Outer diameter insulation	-
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32	Outer diameter tolerance core insulation	
Amount strands (wire) 32	Shore hardness wire insulation	
	Ingredient freeness wire insulation	
Diameter of single wires 0,1 mm		
	Diameter of single wires	U, I mm

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: 2024-06-26

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Conductor crosssection (wire)	0,25 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	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 bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/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: 2024-06-26

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be