

M12 male 0° / M12 female 0° A-cod.

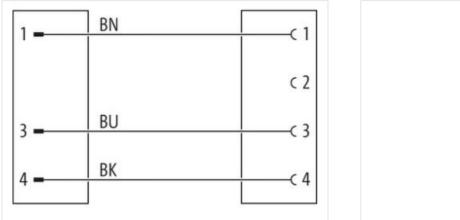
PVC 3x0.34 gy UL/CSA 35m

Male straight – female straight M12 – M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) 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. Further cable lengths on request.

Link to Product

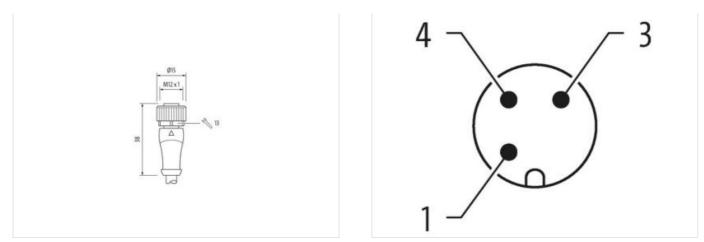
Illustration





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: 2024-06-23





Product may differ from Image



Cable length	35 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
suitable for corrugated tube (internal Ø)	10 mm	
Coding	A	
Material	PUR	
No. of poles	3	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
suitable for corrugated tube (internal Ø)	10 mm	
Coding	A	
Material	PUR	
No. of poles	3	
Width across flats	SW13	
Commercial data		
ECLASS-6.0	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	
ETIM-5.0	EC001855	
customs tariff number	85444290	

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: 2024-06-23



Peckagn unit 1 Exercised data Supply Exercised data Supply Operating voltage AC max. 250 V Operating voltage AC fuex. 4 A Installation Connection Hat A Excision of the Excision Hat A Device protection Electrical Installation Connection on protection on genes Additional concilion protection on genes 3 Material protection (Electrical Installation Connection on genes Additional concilion protection on genes 3 Material protection (Electrical Installation Connection on genes Additional concilion protection on genes 3 Material protection (Electrical Installation Connection on genes Additional concilion protection (Electrical Installation Connection on genes Material protection (Electrical Installation Connection on genes Additional Conting on genes 2.5 KV Material protection (Electrical Installation Connection genes Material protecon discu	GTIN	4048879530323
Operating voltage AC max.250 VOperating voltage AC lusi.250 VOperating voltage AC lusi.30 VOperating voltage AC lusi.30 VControl toprating voltage AC lusi.4 AInstitution I Connection4 AInstitution I ConnectionVAdditional conflict Network AC lusi.4 AAdditional Conflict Network AC lusi.5 AAdditional Conflict Network AC lusi.1 AAdditional conflict Network AC lusi.2	Packaging unit	1
Operating voltage AC max.250 VOperating voltage AC lusi.250 VOperating voltage AC lusi.30 VOperating voltage AC lusi.30 VControl toprating voltage AC lusi.4 AInstitution I Connection4 AInstitution I ConnectionVAdditional conflict Network AC lusi.4 AAdditional Conflict Network AC lusi.5 AAdditional Conflict Network AC lusi.1 AAdditional conflict Network AC lusi.2	Electrical data Supply	
Operating voltage DC max. 250 V Operating voltage AC (UL-isited) 30 V Operating voltage CC (UL-isited) 30 V Operating voltage CC (UL-isited) 30 V Morring rat M12 x 1 Device protection [Electrical A Additional condition protection degree issaination [Condition Protection degree Additional condition protection degree 3 Rated surge voltage 2.5 kV Material groen (IC-GORE-1) 1 Mechanical data [Material GORE-1) 1 Mechanical data [Material GORE-1] 2 Coating difficit [Mouning data data data data [Material GORE-1] 2 Mechanine methon <td></td> <td>250 V</td>		250 V
Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Control operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical M12 x 1 Device protection Electrical Additional condition protection diagrae Additional condition protection diagrae issured, serveed Patted surge voltage 2,5 kV Material group, (EC 6068-1) 1 Mechanic data Metrial data Casting lasking Casting lasking Nickeled Casting lasking protection Zin: die-casting Metrial score connection Zin: die-casting Metrial score connection Zin: die-casting Material score connection Zin: die-casting Metrial score connection Zin: die-casting Nate on strain relief Protect the connectors by suitable measures from mechanical lases, ag by the usage of cas	, , ,	
Operating per contact max. 4 A Installation Connection Installation Connection Mouning set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surgerottage 2.5 kV Metrial group (ECE 66666-1) I Mechanical data Material data Conting Locking Conting Locking Nickeled Conting Locking material Zinc die casting Material screwed, Shaking protection Environmetal characteristics Climatic Contrantig preparature min. 45 °C Operating temperature min. 45 °C Contrantig Environmetal characteristics Climatic Note on berding radius Attention: Controver the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces. Contornity Protect the connectors by suitable measures from mechanical loads,		
Current operating per contact max. 4 A Installation Connection Mile x 1 Device protection Electrical Installation Connection Second Sec		
Installation (Connection) Mouring pet M12 x 1 Device protection Electrical Inserted, screwed Addional condition protection degree 3 Rated surge voltage 2,5 kV Material group (ECC 6066-1) I Mechanical data Material data Mickel plated Coating of King Nickel plated Coating to material Nore ceasing Material screw connection Nice at Screw connection Protoco tharacteristics [Climatic Operating temperature main. Operating temperature main. 28 °C Operating temperature max. 85 °C Note on sharin infall Protoco the connectors by subtel measures from mechanical loads, e.g. by the usage of cable tees. Note on sharin infall		
Mounting set M12 x 1 Device protection Electrical Inserted, screwed Additional condition protection degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material dats Insected, screwed, Schuld Coating to fitting Nickeled Coating to fitting Nickeled Coating to fitting Tin die-casting Material accew connection Zine die-casting Material accew connection Zine die-casting Mounting metho Inserted, screwed, Shaking protection Environmental characteristics Climatic Climatic Deparing temperature man. 25 °C Controling temperature man. 25 °C Note on stain affet Protect the connection by sustable measures from mechanical loads, e.g. by the usage of cable tise. Note on stain affet Diffet the connection by sustable measures from mechanical loads, e.g. by the usage of cable tise		
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Reted surge vortage 2.5 kV Material group (EC 60664-1) 1 Mechanical data Material data Conting of fitting Coating locking Nickeled Coating locking of fitting nickel plated Locking method Zinc dio casting Material screw connection Zincone screw connection	·	Mt0t
Additional condition protection degree iserted, screwed Polution Degree 3 Baterial group (EEC 60684-1) 1 Mechanical data Material data Mechanical data Material data Coading of King Nickele Jatad Coading of King Nickele Jatad Coading of King Nickele Jatad Locking material Zmc die-casting Material screw connection Zmc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Inserted, screwed. Shaking protection Environmental characteristics Climatic Concompatible max. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additonal condition temperature range depending on cable quality Important installation notes Environmetary Streme data (Streme data) Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be endagered by excessive bending forces. Contornity Product standard DIN EN 61076-2-101 (M12) Installation (Cable Gable Type 1 Vise arrangement brown, black, blue Cable Color gray Type of Certification	-	M12 X 1
Pollution Degree 3 Rated surge voltage 2.5 kV Material group (EC 50664-1) 1 Mechanical data Material data Coating of fitting nickel plated Coating of fitting nickel plated Zinc die casting Material sorew connection Zinc die casting Mounting method Inserted, screwed. Shaking protection Environmental characteristics Gimatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 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. Contomity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable teis. Note on banding radiu DIN EN 81076-2-101 (M12) Installation (Cable UP Non, black, blue Cable demification 213 Cable demification 213 Cable Color gray Type of Cartfloate CuPus Anount stranding 1 Jacket Color gray Type of Cartfloate CuPus Ano	Device protection Electrical	
Bate aurge voltage 2,5 kV Material group (EC 6064-1) 1 Mechanical data [Material data Coating locking Nickeled Coating of fitting nickel plated Discension Locking material Zinc die-casting Material serve connection Material serve connection Zinc die-casting Material serve connection Mechanical data [Mounting data Mounting method Inserted, serveved, Shaking protection Environmental characteristics [Climatic Operating temperature max. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on stain reliel Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on stain reliel DIN EN 61076-2-101 (M12) Installation class can be endangered by excessive bending radi when laying cables, as the IP protection class can be endangered by excessive bending radi when laying cables, as the IP protection class can be endangered by excessive bending frage Cable of stain (fication 213 Cable dentification 213 Cable dentification 213 Cable dentification 213 Cable dent		
Material group (IEC 60684-1) 1 Mechanical data (Material data Vickeled Coaling of King Nickeled Coaling of King Nickeled Coaling of King Nickeled Coaling of King Nickeled Mechanical data (Mounting data Mounting method Mechanical data (Mounting data Mounting method Mounting method inserted. screwed. Shaking protection Environmental characteristics [Climatic Operating temperature main. Operating temperature main. -25 °C Operatin installation notes Material protection class can be endangered by excessive bending forces. Note on bending radius Aftention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Coalomby INIEN 61076-2:101 (M12) Installation (Cable DIN EN 61076-2:101 (M12) Installatin (Sable D	-	
Mechanical data Material data Coating looking Nickeled Coating of fitting nickel plated Looking matrial Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coordination temperature max. Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief DIN EN 61076-2-101 (M12) Installation Cable forwan, black, blue Cable identification 213 Cable identification 213 Cable identification 1 After angement brown, black, blue Cable identificate CURus<		2,5 kV
Coating locking Nickel eld Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Image: Comparison of Comparis		
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical datal Mounting data Mounting method Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature main. -25 °C Operating temperature main. -25 °C	Mechanical data Material data	
Locking material Zinc die-casting Material screw connection 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 max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Note on stain relief Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Installation of Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable brown, black, blue Cable right 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arangement brown, black, blue	Coating locking	Nickeled
Material screw connection 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 may. depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Vise on strain relief DIN EN 61076-2-101 (M12) Installation Cable uere arrangement brown, black, blue Cable identification 213 Cable identification 213 Cable identification 213 Stranding 1 Stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 34.1 g/m Material jacket	Coating of fitting	nickel plated
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Commental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radius Attention: Observe the permissible bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Vorown, black, blue Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cuRus Anount strainfing 1 Stranding 3 wires twisted Wire arwagement brown, black, blue Cable identification 21, g/m Material jac	Locking material	Zinc die-casting
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 Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product strandard Product strandard DIN EN 61076-2-101 (M12) Installation Cable Endentification Vier arrangement brown, black, blue Cable Type 1 Jacket Colo gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max depending on cable quality Important installation notes Molecular and the perature range Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Installation (Cable UIN EN 61076-2-101 (M12) Installation (Cable 213 Cable identification 213 Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus Anount stranding 1 Stranding 3 wires twisted write arrangement brown, black, blue Cable weigth 34.1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket)	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable use arrangement brown, black, blue Cable identification 213 Cable identification Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weighh 34.1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Cuter-diameter (jacket) 4.6 mm Tolerance outer diameter (sheath)	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, black, blue Cable identification 213 Cable Identification Zaket Color gray Type of Certificate cURus Amount stranding 1 Stranding Stranding Stranding Shore hardness jacket 85 ± 5 Shore A PVC Shore hardness jacket 85 ± 5 % Material jacket PVC Amount vires 3 Cuter diameter (sheath) ± 5 % Material jacket SVC Shore A Freedom from ingredients (jacket) 4.6 mm Tolerance outer diameter (sheath)	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important installation notes Mote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, black, blue Cable identification 213 Cable Identification Zaket Color gray Type of Cartificate Amount stranding 1 Stranding Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4,6 mm 4,6 mm Tolerance outer diameter (jacket) 4,6 mm Tolerance outer diameter (jacket) 1 ± 5 % Material wire insulation PVC Amount stranding 1 ± 5 % Material jacket SVC	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 fies. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, black, blue Cable rype Cable furtification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable wighh 34,1 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) 4.6 mm Tolerance outer diameter (jacket) 4.5 mm Tolerance outer diameter (jacket) \$ % Material wire insulation <	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) Installation Cable Image: Conformity wire arrangement brown, black, blue Cable dentification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 3.4.1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket)	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 Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, black, blue Cable identification 213 Cable identification 213 Cable identification 213 Cable identification 213 Cable identificate cJIRus Amount stranding 1 Jacket Color gray 3 wires twisted Material jacket Wire arrangement brown, black, blue Cable weigth 34,1 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) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 3 Outer diameter insulation 1,25 mm	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 Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, black, blue Cable identification 213 Cable identification 213 Cable identification 213 Cable identification 213 Cable identificate cJIRus Amount stranding 1 Jacket Color gray 3 wires twisted Material jacket Wire arrangement brown, black, blue Cable weigth 34,1 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) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 3 Outer diameter insulation 1,25 mm	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
Note of Dending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, black, blue Cable identification 213 Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 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) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Anount wires 3 Outer diameter insulation 1,25 mm		
Product standardDIN EN 61076-2-101 (M12)Installation Cablewire arrangementbrown, black, blueCable identification213Cable identificationgrayZaket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %	Note on bending radius	
Installation Cablewire arrangementbrown, black, blueCable identification213Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Conformity	
wire arrangementbrown, black, blueCable identification213Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Product standard	DIN EN 61076-2-101 (M12)
Cable identification213Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Installation Cable	
Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	wire arrangement	brown, black, blue
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Cable identification	213
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Cable Type	1
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Jacket Color	gray
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Amount stranding	1
Cable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Stranding	3 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mm	Cable weigth	34,1 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm	Material jacket	PVC
Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm	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	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm	Outer-diameter (jacket)	4,6 mm
Amount wires 3 Outer diameter insulation 1,25 mm	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm		
	Amount wires	3
Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	·
	Outer diameter tolerance core insulation	±5%

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23



Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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

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: 2024-06-23