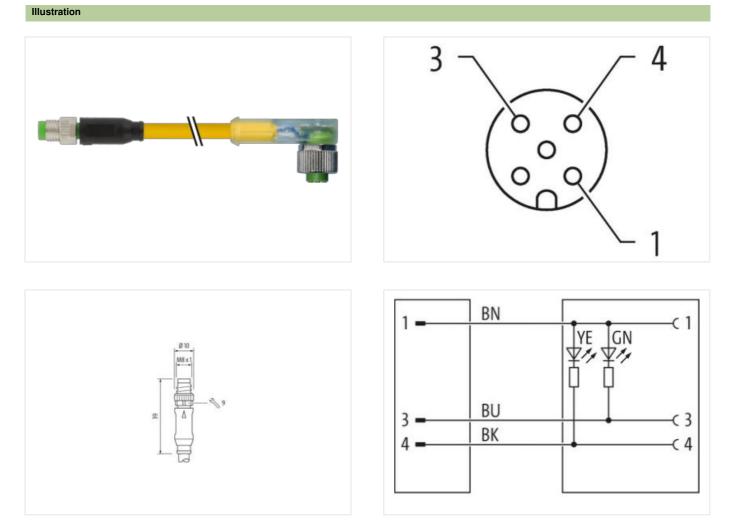


M8 male 0° / M12 female 90° A-cod. LED

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

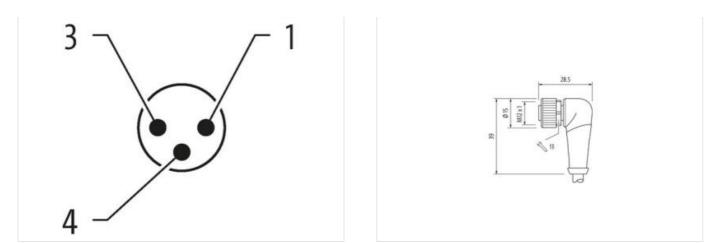
Male straight – female 90° M8 – M12, 3-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested 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: 2024-04-24





Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal 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: 2024-04-24



outsome tauff number 85444290 GTN 4048879122552 Parkangin ult 1 Electrical data Supply Operating values DC max. Operating values DC max. 30 V Operating values DC max. 30 V Current operating values DC max. 4 A Diagnostics Status indication LED green vyllow Device protection [Electrical Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection function agree a Pattus indication LED green vyllow Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection (Electrical Device protection (Electrical Device protection function agree a Addition protection gree 3 Rated surge voltage 0.8 kV Material data Material data No Review Device protection (Electrical Material graps (Elemost) In Review agree Device protection (Electrical Material graps (Elemost) Zino de-casting Device protection (Elemost) Material publican Degreen or min.	ETIM-5.0	EC001855
Packaging unit 1 Electrical datal Stoppy	customs tariff number	85444290
Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 18 V Operating voltage DC max. 10 V Current operating per contact max. 4 A Diagnostic V Status indication LED green, yellow Decreprotection [Electrical V Dagree of protection of green inserted, screwed Pollution protection degree 3 Additional condition protection degree 3 Pollution Degree 3 Rated surge voltage 0.8 kV Material grach FNd Material prach Fnd	GTIN	4048879122252
Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Diagnostics Status indication LED green, yellow. Device protection (Electrical Device protection (Electrical Status indication protection degree Darge of protection (Electrical Status indication protection degree 3 Additional condition protection degree 1865, 1967, 1968, 1968K Additional condition protection degree 3 Rated aurop voltage 0, 8 kV Material group (Eco 6064-1) I Material group (Eco 6064-1) I I Mechanical data (Material data Conting (Eco 6064-1) I Material group (Eco 6064-1) I I I Image: Status indication (Eco 6064-1) I Material group (Eco 6064-1) I Image: Status indication (Eco 6064-1) I Material group (Eco 6064-1) I Image: Status indication (Eco 6064-1) Image: Status indication (Eco 6064	Packaging unit	1
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Dispositics status indication LED Status indication LED green, yellow Device protection [Electrical Device protection [Electrical Delution Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Polution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) 1 Mechanical data Material data Conting locition Costing lociting Nickeled Material group (IEC 60684-1) 1 Mechanical data Material data Zino dio casting Material group (IEC 60684-1) 1 Material pousing PUR Locking material Zino dio casting Mechanical data Mounting data Zino dio casting Mouting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating insperature max. Addition temperature may. 85 °C	Electrical data Supply	
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Dispositics status indication LED Status indication LED green, yellow Device protection [Electrical Device protection [Electrical Delution Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Polution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) 1 Mechanical data Material data Conting locition Costing lociting Nickeled Material group (IEC 60684-1) 1 Mechanical data Material data Zino dio casting Material group (IEC 60684-1) 1 Material pousing PUR Locking material Zino dio casting Mechanical data Mounting data Zino dio casting Mouting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating insperature max. Addition temperature may. 85 °C	Operating voltage DC	24 V
Operating voltage DC max. 30 V Operating voltage DC max. 4 A Diagnostic 30 V Current operating per contact max. 4 A Diagnostic 30 V Status indication LED green, yellow Device protection [Electrical 90 V Degree of protection of Electrical 90 V Additional condition protection degree isserted, screwed Pollution Degree 3 Rated aurge voltage 0,8 kV Material group (IEC 60684-1) 1 Mechanical data Material data Coating locking Material group (IEC 60684-1) 1 Mechanical data Material data Zinc die-casting Material graup PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmetal charactoristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. <t< td=""><td></td><td>18 V</td></t<>		18 V
Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Filter indication LD Status indication LD green, yellow Degree of protection (ENLC6 06529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Mechanical data [Material status Contact max. Mechanical data [Material status Nickeled Material grave, ICE 06684-1) 1 Mechanical data [Material data Coating locking Material losset FKM Material grave, ICE 06684-1) 1 Mechanical data [Material data Zinc cile casting Material gasket FKM Material pasket Inserted, screwed, Shaking protection Environmental characteristics Climatic Contemp Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Cable Type 3 Jacket Colar <t< td=""><td></td><td>30 V</td></t<>		30 V
Current operating per contact max. 4 A Diagnostics green, yellow Device protection (EN EC 06029) IP66, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data IMechanical data Coating locking Nickeled Material grastet FKM Material grastet FKM Material grastet FKM Mounting matherial Zinc die-casting Wechanical data [Mounting data Vounting matherial Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Comanic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max.		30 V
Status indication LED green, yellow Degree of protection (Ell EC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rates surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data [Material data KKM Mechanical data [Material data Nickeled Material gasket FKM Material condition protection Inserted, screwed, Shaking protection Environmental characteristics [Climatic Concertistics [Climatic Operating temperature min. -25 °C Operating temperature max. B5 °C		4 A
Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP68K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) 1 Mechanical data Material data Coating locking Material gaket FKM Material gaket FKM Material gaket FKM Material faket Jine die-casting Mechanical data Mounting data Zine die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation G30 Cable identification 030 Cable identification 030 Cable identification 030 Cable identification </td <td>Diagnostics</td> <td></td>	Diagnostics	
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating Material gasket FKM Material pasket FKM Material gasket FKM Material gasket FKM Mounting material Zine cle-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Contormity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Gasket Color View of Vie	Status indication LED	green, yellow
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 6066-1) 1 Mechanical data Material data	Device protection Electrical	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 6066-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Material group (IEC 6066-1) 1 Mechanical data Moutring data FKM Material group (IEC 6066-1) 2.0 Locking material Zinc die-casting Mechanical data Mounting data Sincele-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature may. 85 °C Conformity 2 Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable 2 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wir	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60684-1) I Mechanical data Material data Coating locking Nickeled Material gasket Material gasket FKM Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. A85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable identification 040 No. of Dertificate CURus Annourt stranding <td< td=""><td></td><td></td></td<>		
Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Meterial group (IEC 60664-1) I Meterial gastet FKM Material gastet FKM Material system Zinc die-casting Meterial gastet Jinc die-casting Meterial gastet Jinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C 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 fuppe 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Min. @ 25 °C Cable wight 26.4 g/m Material jacket PUR Shor		
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Material gasket FKM Material pousing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Identification Cable Identification 030 Cable Identification 030 Quertificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weighh 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A <t< td=""><td></td><td></td></t<>		
Mechanical data Material data Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Environmental characteristics Climatic Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable identification 030 Cable identification 030 Cable identificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Min. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR		
Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Conformity Environmental characteristics Climatic Product standard DIN EN 61076-2-114 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Q30 Cable identification Q30 Cable identification Q30 Cable identificate UPus Stranding Amount stranding 1 Stranding 3 wires twisted wire arr		
Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	•	Nickolod
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable interfactor 300 Cable interfactor 330 Cable Type Jacket Color yellow Type of Certificate Type of Certificate cURus Amount stranding Mice arrangement brown, black, blue No. of bending cycles (C-track) No. of bending cycles (C-track) 10 Mio.@ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore Adr Mission Alexand		
Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity		
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable identification 030 Cable IType 3 Jacket Color yellow Type of Certificate cURus Amount stranding Mire arangement brown, black, blue No. of bending cycles (C-track) No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Free, cadmium-free, CFC-free, halogen-free, silicone-free		-
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Instalation Cable Cable identification Cable identification 030 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Interview of the second secon		
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification030Cable identification030Cable ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigh26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	-	inserted, screwed, Shaking protection
Additional condition temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 030 Cable Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable identification 030 Cable Color Type of Certificate cURus Current of the standard Stranding Stranding 3 wires twisted Stranding St		
ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		depending on cable quality
Installation CableCable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Conformity	
Cable identification030Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free	Installation Cable	
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free	Cable identification	030
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free	Cable Type	3
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free	Jacket Color	yellow
Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free	Type of Certificate	cURus
wire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free	Amount stranding	1
No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free		
Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free	-	
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free		-
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
	-	
Outer-diameter (jacket) 4,1 mm		-
		4,1 mm
Tolerance outer diameter (sheath)± 5 %	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation PP		
Amount wires 3		
Outer diameter insulation 1,25 mm		
Outer diameter tolerance core insulation ±5%		
Shore hardness wire insulation 70 ± 5 Shore D	Shore hardness wire insulation	/0 ± 5 Shore D

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: 2024-04-24



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
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)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-24