

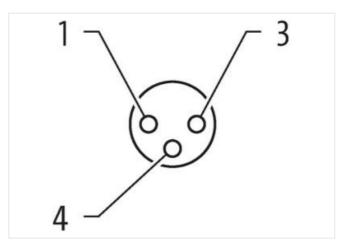
## M12 male 0° / M8 female 90° A-cod.

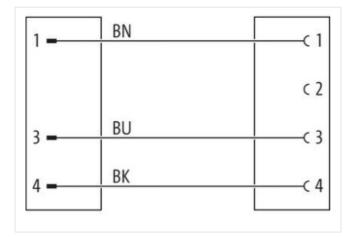
PUR 3x0.25 ye UL/CSA+robot+drag ch. 2m

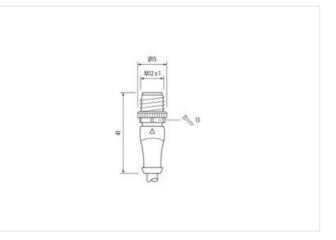
Male straight – female 90° Zinc die casting, save-cover coated M12 – M8, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your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

## Link to Product



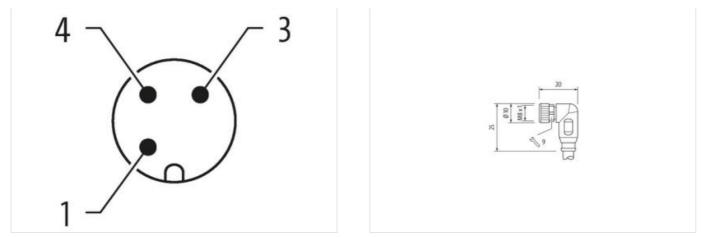






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26





Product may differ from Image



Cable length	2 m
Side 1	
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	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
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 $\emptyset$ )	6,5 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
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

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ETIMS-0     EC01985       CTIN     6544280       CTIN     404827016173       Packaging unk     T       Electrical data   Skopty     Commentation of the store of	ECLASS-12.0	27060311
GTN 4048879161473   Packaging unit 1   Electrical dis Supply     Operating voltage AC max. 50 V   Operating voltage AC max. 50 V   Operating voltage AC (UL listed) 30 V   Operating voltage AC (UL listed) 30 V   Operating voltage CA max. 4 A   Device portacing or contact max. 4 A   Device portaction protection letectrical   Additorial condition protection degree inserted, screwed   Polution Degree 3   Rated surge voltage 1.5 KV   Material group (CE 0064-1) 1   Material group (CE 0064-1) 2	ETIM-5.0	EC001855
GTN 4048879161473   Packaging unit 1   Electrical dis Supply     Operating voltage AC max. 50 V   Operating voltage AC max. 50 V   Operating voltage AC (UL listed) 30 V   Operating voltage AC (UL listed) 30 V   Operating voltage CA max. 4 A   Device portacing or contact max. 4 A   Device portaction protection letectrical   Additorial condition protection degree inserted, screwed   Polution Degree 3   Rated surge voltage 1.5 KV   Material group (CE 0064-1) 1   Material group (CE 0064-1) 2	customs tariff number	85444290
Electrical data   Supply     Construit     Supplementation       Operating voltage AC max.     60 V     Construit     C	GTIN	
Operating voltage AC max.     50 V       Operating voltage AC (LL-listed)     30 V       Device opredection [Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pathol operation protection degree     1,5 kV       Material group (EC 60666-1)     1       Machaniz drotage     Coppor alloy       Coating loosing     Cooppor alloy       Coating looking     seb-cover coated       Coating looking     Seb-cover coated       Coating looking     Zire de-casting       Material zero wormetion     Zire de-casting       Material protection temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Additiona	Packaging unit	1
Operating voltage AC max.     50 V       Operating voltage AC (LL-listed)     30 V       Device opredection [Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pathol operation protection degree     1,5 kV       Material group (EC 60666-1)     1       Machaniz drotage     Coppor alloy       Coating loosing     Cooppor alloy       Coating looking     seb-cover coated       Coating looking     Seb-cover coated       Coating looking     Zire de-casting       Material zero wormetion     Zire de-casting       Material protection temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Additiona	Electrical data   Supply	
Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per context max.     4 A       Device protection   Electrical     A       Additional condition protection degree     inserted, screwed       Polution protection protection and the screwed     Polution protection and the screwed       Polution protection and the screwed     Polution protection and the screwed       Polution protection and the screwed     Polution protection and the screwed       Polution protection and the screwed     Screwed       Polution protection and the screwed     Screwed       Coating tocking     screwed       Coating tocking     screwed       Coating tocking     screwed       Coating tocking     screwed       Material asket     FVM       Locking material     Zine de-casting       Material asket     FVM       Locking material     Zine de-casting       Material asket     Sine free casting       Material asket     Down and the protection       Environmental characteristics   Glimatic     Sine free casting       Operating unoproture max.     85 °C		50 V
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Convert operating or contact max.     4 A       Device protection   Electrical     Protection   Electrical       Additional condition protection degree     isserted, screwed       Polition Degree     3       Rated surge voltage     1,5 kV       Machanical data   Material data     County (EC 0006-11)       Machanical data   Material data     County (EC 0006-11)       Machanical data   Material data     County operating concentation       Coating toding     Copportation       Coating toding     Copportation       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting ethon     Issert - screwed, Staking protection       Environmental characteristics   Climatic     Climatic       Contraity     Poperating temperature max.       Poperating temperature max.     5 °C       Castistation   Cable     Coating on cable quality		
Operating vortage DC (UL-listed)     90 V       Current operating per contact max.     4 A       Additional condition protocion degree     inserted.screwed       Pollution Degree     3       Rated surge vortage     1.5 kV       Material group (EC 6064-1)     1       Mechanical data   Material data     Cooper alloy       Coating looking     cooper alloy       Coating looking     safe-cover coated       Coating looking     nickol plated       Material grack     FKM       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Sinc die-casting       Mechanical data   Mounting data     Jinc die-casting <td></td> <td></td>		
Ourrent operating per contact max.     4 A       Device protection   Electrical		
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Reade surge voltage     1, 5 kV       Material group (EC 6064+1)     1       Mechanical data   Material data     Cooper alony       Coating locking     sale-cover coated       Coating locking     sale-cover coated       Coating of fitting     nickel plated       Material gaske     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mechanical data   Mounting data       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental Characteristics   Climatic     Gording on cable quality       Correnting temperature man.     -25 °C       Operating temperature man.		
Additional condition protection degree inserted, acrewed   Politation Dagree 3   Reade surge voltage 1,5 kV   Material group (EC 60664-1) 1   Mechanical data   Material data Copper alloy   Coating locifing safe-cover coated   Coating locifing safe-cover coated   Coating locifing rick/al plated   Material gasket FKM   Lociding material Zinc die casting   Material strew connection Zinc die casting   Methanical data   Mounting data Inserted, screwed, Shaking protection   Environmental characteristics   Ginautic SC   Additional condition temperature min. -25 °C   Operating temperature min. -25 °C   Additional condition temperature man. 85 °C   Additional condition temperature man. 85 °C   Additional condition temperature man. 600   Cable dentification 050   Cabl		
Pollution Degree     3       Rated surge voltage     1,5 kV       Material ators (E 60664-1)     1       Machanizad data (Material data     Costing housing     Copper alloy       Coating housing     Copper alloy     Coating housing     Copper alloy       Coating futing     nickel plated     Material screwel plated     Material screwel plated       Material screw connection     Zinc die-casting     Material screwel plated     Material screwel plated       Mounting method     inserted, screwed, Shaking protection     Environmental characteristics (Chinatic       Porating temperature max.     25 °C     Operating temperature max.     85 °C       Additional condition temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Contormity     Contormity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation (Cable       Cable Type     5     Sacket Color     yellow       Type of Certificate     oUPus     Sarading     Sarrading       Amount stranding     1     Stranding     Sarrading     Sarrading <td></td> <td>inserted, screwed</td>		inserted, screwed
Rated surgo voltage     1,5 kV       Material group (IEC 6064-1)     I       Mechanical data [Material data     Cooper alloy       Caaling housing     Cooper alloy       Caaling looking     safe-cover coated       Coating notice [Raterial data     FKM       Looking material     Zinc die-casting       Material gaske     FKM       Looking material     Zinc die-casting       Material gaske     FKM       Mechanical data [Mounting data     Mechanical data [Mounting data       Mechanical data [Mounting data     Since die-casting       Mechanical data [Mounting data     Since die-casting       Mechanical data [Mounting data     Since die-casting       Mechanical data [Mounting data     Inserted, sorewed, Shaking protection       Environmental characteristics [Climatic     Diperating temperature main.       Operating temperature main.     25 °C       Operating temperature main.     85 °C       Additional condition temporature range     depending on cable quality       Code distribution     050       Cable identification     050       Cable identification     050		
Material group (IEC 60664-1)     I       Mechanical data ( Material data     Copper alloy       Coating locking     safe-cover coated       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material sorew connection     Zinc die-casting       Mechanical data ( Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conserver     Color       Value     DIN EIN 61076 2-101 (M12), DIN EIN 61076 2-114 (M8)       Installation ( Cable     Color       Cable Type     5       Jacket Color     yellow       Type of Certificate     GURus       Amount stranding     1       Stranding     3 wires twisted       wire arangement     brown, black, blue       No. of bending clicket (Check)		
Mechanical data     Copper alloy       Coating housing     Copper alloy       Coating fiting     nick-over coated       Coating fiting     nick-over coated       Coating fiting     nick-over coated       Coating fiting     nick-over coated       Material gasket     FKM       Locking material     Zinc die-casting       Methanical data     Material coated       Mechanical data     Mouting data       Mechanical data     Mouting data       Mechanical data     Mouting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature min.     -25 °C       Operating temperature man.     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     Cobic contification     050       Cable othrification     050     Cable contification       Append Coatrification     QIR value     Anount stranding     1		
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Coating locking     safe-cover coated       Coating of fitting     nickel plated       Material gasket     FKM       Locking matrial     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data [Mounting data     Inc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Contormity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation [ Cable     Operating temperature max.     85 °C       Cable identification     050     Cable identification     050       Cable identification     050     Cable identification		
Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     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 max.       Additional condition temperature max.     65 °C     Contornity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable       Cable fore of casting     gelow     Code of casting     Gelow       Type of Corrificate     cURus     Contornity     Gelow       Type of Corrificate     cURus     Gene Type     So Contornity       Type of Corrificate     cURus     Gelow     Gelow       Type of Corrificate     cURus     Gelow     Gelow       Stranding     1     Stranding     Swires twisted     Gelow       Wire arrangement     brown, black, blue     Gelow <td< td=""><td></td><td></td></td<>		
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C		
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Construction       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     050       Cable Identification <td></td> <td></td>		
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 range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification     050       Cable identification     050     Cable identification     050       Cable Identification     050     Cable identification     050       Cable identification     050     Cable identificate     culRus       Amount stranding     1     Stranding     1       Stranding     3 wires twisted     Stranding     2 % °C       Cable weigh     2 % 4 g/m     Material jacket     PUR       Shore hardness jacket     5 % ± 3 Shore D     Freadom from ingredients (jacket)     I add-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (sheath)     ± 5 %     3 Coluter diameter (sheath) <t< td=""><td></td><td></td></t<>		
Mechanical data   Mounting data       Mounting method     inserted, screwed. Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity		
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Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification050Cable Type5Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding1Stranding10 Nio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)4,3 mmTolerance outer diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation± 5 %	Mechanical data   Mounting data	
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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   050     Cable Identification   050     Cable Identification   050     Cable Identificate   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   58 ± 3 Shore D     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   4,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter insulation   1,25 mm	Environmental characteristics   Climatic	
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   050     Cable I Type   5     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 Mic. @ 25 °C     Cable wigth   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 (jacket)   4.3 mm     Tolerance outer diameter (jacket)   \$ 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter insulation   1.25 mm     Outer diameter tolerance core insulation   ± 5 %	Operating temperature min.	-25 °C
ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification050Cable identification050Cable Type5Jacket ColoryellowType of CertificatecURusArnount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter diameter (jseath)± 5 %Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification050Cable identification050Cable Type5Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %	Additional condition temperature range	depending on cable quality
Installation   CableCable identification050Cable Type5Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %	Conformity	
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Cable Type5Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %	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 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 %	Cable identification	050
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable 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 %	Cable Type	5
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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 %	wire arrangement	brown, black, blue
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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %	No. of bending cycles (C-track)	10 Mio. @ 25 °C
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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %	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 %	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 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 %	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 %	Outer-diameter (jacket)	4,3 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm   Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 74 ± 3 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	74 ± 3 Shore D

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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 <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 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	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m

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