

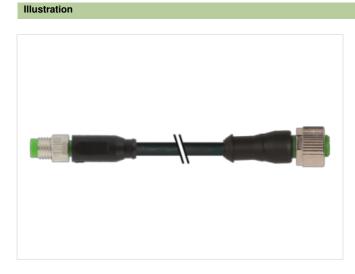
## M8 male 0° / M12 female 0° A-cod.

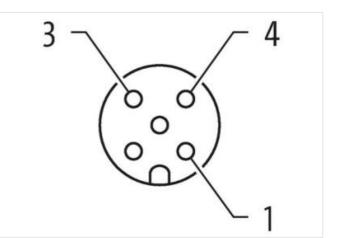
PUR 3x0.25 bk UL/CSA 5m

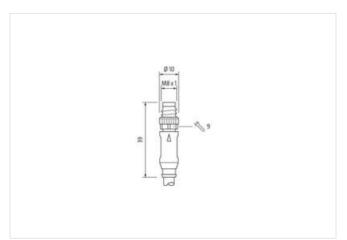
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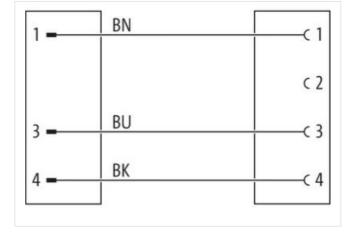
Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

## Link to Product





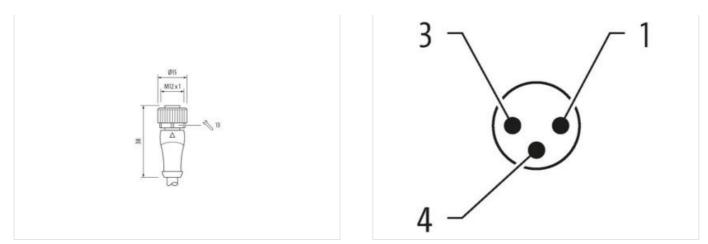




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	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 $\emptyset$ )	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

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Packaging unit     1       Electrical data ISappiy     Image: Comparing values AG max.     50 V       Operating values AG max.     60 V     Image: Comparing values AG max.     60 V       Operating values AG max.     60 V     Image: Comparing values AG max.     60 V       Operating values AG (LL latead)     30 V     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Device protection [Electrical     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Device protection [Electrical     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Device protection [Electrical     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Device protection (EN LEC 60529)     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Device protection (EN LEC 60529)     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Material prosential condition protection (Electrical     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Material prosential characteristics [ Climatic     Image: Comparing values AG (LL latead)     Image: Comparing values AG (LL latead)       Devicing trapprotal	ETIM-5.0	EC001855
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Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Carrent operating per contact max.     4 A       Device protection   Electrical     Device protection and the state of the state	Operating voltage AC max	50 V
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Image: Additional condition protection degree       Additional condition protection degree     1 // Res. (IP-61, IP-64, IP-64		
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection [Electical        Dayles of protection [Electical     inserted, screwed       Dollution Degree     inserted, screwed       Dollution Degree     3       Rated aurge voltage     1.5 kV       Meteral protection (Electical     inserted, screwed       Methanic data     FXM       Methanic along     Nickalad       Methanic along     Nickalad       Material pasket     FXM       Material pasket     FXM       Material pasket     PXM       Dortage protection (Electical     Zinc die casting       Methanical data (Mounting data     inserted, screwed, Shaking protection       Methanical thanacteristics   Climatic     Sinc die casting       Operating temperature max.     85 °C       Additional condition temperature range     deperding on cable quality       Operating temperature max.     85 °C       Additional condition temperature range     deperding on cable quality       Catality pe     2       Cable fontinctain     S20		
Current operating per contact max.     4 A       Device protection   Electrical       Device of protection (EVIEC 6005)     IP65, IP67, IP68, IP66X       Additional condition protection degree     insarted, screwed       Pollution Degree     3       Radid surge voltaga     1.5 kV       Material group (EC 6064-1)     1       Machanical dial Material data     Contany locking       Contany locking     PUR       Locking material     Zre die-casting       Material nousing     PUR       Locking material     Zre die-casting       Mechanical dial   Mounting data     Insertod, screwed, Shaking protection       Mounting method     Insertod, screwed, Shaking protection       Chronical geneparture min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional Condition Temperature max.     82 °C       Colabi dentification     620       Cabie de		
Device protection   Electrical       Degree of protection (EN EC 60529)     IP65, IP67, IP68, IP66K       Additional constition protection degree     inserted, screwed       Patked surge voltage     1,5 kV       Material group (EC 60624.1)     1       Material protection (EN EC 6064.1)     1       Monting material     Incested, screwed, Shaking protection       Monting matterial (En Monting et al.		
Degree of protection (EN IEC 60529)IP68, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPatted surge voltage1,5 kVMaterial group (IEC 60564-1)iHechanical data [Material dataFKMCoaling locking pasketPLRCoaling locking pasketCm cell castingMaterial pasketCm cell castingMaterial pasketCm cell castingMaterial pasketCm cell castingMaterial pasketInserted, screwed, Shaking protectionEnvironmental characteristics [ClimaticCoell castingOperating temperature min25°COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityEnvironmental characteristics [ClimaticConformityUNEN 61076-2-101 (M12). DN EN 61076-2-114 (M8)Institution [Cabie Time]2Cabie Tipe]2Cabie Tipe]2Jacket ColorUNEN 61076-2-011 (M12). DN EN 61076-2-114 (M8)Institution [Cabie Time]2Cabie Tipe]2Cabie Tipe]2Jacket ColorUNEN 61076-2-011 (M12). DN EN 61076-2-0114 (M8)Institution [Cabie Time]2Cabie Tipe]2Jacket ColorUNEN 61076-2-011 (M12). DN EN 61076-2-0114 (M8)Institution [Cabie Time]2Cabie Tipe]2Jacket ColorUNEN 61076-2-011 (M12). DN EN 61076-2-012 (M12).Tipe]2Jacket ColorUNEN 61076-2-012 (M12).Un		
Additional condition protection degree     inserted, screwed       Paluktion bagree     3       Rated surge voltage     1, SkV       Material group (IEC 60664-1)     1       Mechanical data [ Material data     Coaling locking       Material gasket     FKM       Material pasket     FKM       Material pasket     IX       Material pasket     FKM       Material pasket     IX       Material pasket     FKM       Material pasket     IX       Mouning method     inserted, screwed, Straking protection       Environmental characteristics [ Climatic     Conferming       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional Condition temperature max.     85 °C       Colormity     Product standard       Product standard     DIN EN 61076-2.114 (M8)       Installation ( Gable     Size       Cable derification     620       Cable Standard     Junes tristed       Mount stranding     1       Stranding     Sinck tristed       No ot bonding cyo		
Pollution Degree     3       Rated surge votage     1,5 kV       Material group (E 05 0664-1)     1       Mechanical data [Material data     FM       Coaling looking     Nickeled       Material group (E 05 0664-1)     PUR       Locking material     PUR       Locking material     Zinc die-casting       Mechanical data [Mounting data     Iisserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Cooling method       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Cable Type     2       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installiction Cable     E       Cable Type     2       Jacket Coolr     black       Type of Cartificatio     620       Cable Type     2       Jacket Coolr     black       Type of Cartificatio     UR 06 22 °C       Cable Type     2 Non. 06 26 °C       Cable wight     26.2 g/m       <		
Rate aurge voltage     1,5 kV       Material group (IEC 6064-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Cating locking     PUR     Incertain a control of the second of the se		
Material group (IEC 60664-1)     I       Mechanical data   Material data     Vickeled       Coating tocking     Nickeled       Material gasket     FKM       Material gasket     PLP       Locking material     Zine die-casting       Mechanical data   Mounting data     Mechanical characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Addional condition temperature range     depending on cable quality       Contomity     Environmental Control (M12), DIN EN 61076-2-114 (M8)       Installetion   Cable     E20       Cable dentification     620       Cable Type     2       Jacket Color     black       Type of Certificate     cURus       Annont stranding     1       Stranding     3 wires twisted       Wire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 Mo.@ 25 °C       Cable waigh     26.26 g/m       Material Jacket     PUR       Shore hardness jacket     55 ± 5 Shore A       Freeedon from ingredients (jacket)     16.4		
Mechanical data   Material data       Coating locking     Nickeled       Material gasket     FKM       Material abusing     PUR       Locking material     Zino dia-casting       Methania Induming data     Isored a-casting       Monting method     Isored a-casting protection       Environmental characteristics   Climatic     25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     65 °C       Operating temperature max.     85 °C       Additional condition temperature may.     620 °C       Poduet standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     200       Cable identification     620       Cable identification     620       Cable identification     620       Cable identification     620       Standing     1       Standing     1       Standing     1       Standing     3 wires twisted       wire arrangement     cown, black, blue       No. d backing protections     620 °C       Cable weight     26,		1,5 kV
Coaing lockingNickeledMaterial pasketFKMMaterial pousingPURLocking materialZinc die-castingMeterial founting dataInserted, screwed, Shaking protectionEnvironmental characteristics I ClimaticSinc die-castingOperating temperature min.<25 °C	Material group (IEC 60664-1)	
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temporature min.     -25 °C       Operating temporature min.     -25 °C     Operating temporature max.     85 °C       Additional condition temporature max.     depending on cable quality     Contormity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Insellation   Cable       Cable identification     620     Cable Type     2       Jacket Color     black     Diver Standard     Diver Standard       Ype of Certificate     clFus     Amount stranding     1       Stranding     3 wires twisted     Stranding     1       Stranding     3 wires twisted     Stranding     Star Store A       Freedom Iron ingredients (jacket)     PUR     Store A     Store A       Store Address jacket     Store A     Store A     Store A       Freedom Iron ingredients (jacket)     Is 5 S Store A     Store A     Store A <tr< td=""><td>Mechanical data   Material data</td><td></td></tr<>	Mechanical data   Material data	
Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Cable dentification     620       Cable dentification     620       Cable dentification     620       Amount stranding     1       Stranding     3 wires twisted       Stranding cyol	Coating locking	Nickeled
Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Common temperature main.     -25 °C       Operating temperature main.     -25 °C     Common temperature main.     -25 °C       Operating temperature main.     45 °C     Common temperature main.     -25 °C       Additional condition temperature range     depending on cable quality     Comformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable       Cable identification     620     Cable identification     620       Cable identification     620     Cable identification     620       Cable identification     620     Cable identification     1       Stranding     1     1     Stranding     1       Stranding     3 wires twisted     wire arrangement     Drown, black, blue       No. of bending cycles (C-track)     2 Mio. @ 25 °C     Cable weigh     26.8 g/m       Cable weigh     26.8 g/m     Ead-free, cadmium-free, CFC-free, silicone-free     Cuter diameter (sheath)     5 %       Store Andress	Material gasket	FKM
Mechanical data [Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Climatic       Operating temperature min.     -25 °C       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     Environmental characteristics [ Climatic       Cable Identification     620       Stranding     9       Wrier stranding     1       Stranding     9       Wrier stranding     1       No. of bending cycles (C-track)     2 Mio.@ 25 °C       Cable weigth     26.82 ym	Material housing	PUR
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contomity     Units and the momentation of the protection of the prote	Locking material	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     depending on cable quality       Construit     Environmental characteristics   Climatic       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification       Cable identification     620       Cable Identification     0148       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weight     26,62 y/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, si	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature mayedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   Cable2Cable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigh26.62 g/mMaterial jacketPURShore 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 properties wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DShore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DShore hardness wire insulation43 ±	Mounting method	inserted, screwed, Shaking protection
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 1000       Cable Type     2       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 blic 2 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm       Outer diameter insulation     4.3 ± 5 Shore D       Material properties wire insulation     43 ± 5 Shore D	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     620       Cable identification     620       Cable Identification     620       Cable Identification     620       Cable Type     2       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weigth     26.62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter (isulation     1.25 mm       Outer diameter insulat	Operating temperature min.	-25 °C
Conformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable       Cable identification     620       Cable identification     620       Cable Type     2       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weigth     26.62 g/m       Material Jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,3 m       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter folorance core insulation     1,25 mm       Outer diameter tolerance core insulation     1,25 mm       Outer diameter tolerance core insulation     4,3 ± 5 Shore D       Shore hardness wire insulation     43 ± 5 Shore D	Operating temperature max.	85 °C
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Installation   CableCable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Conformity	
Cable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material vire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
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Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Jacket Color	black
Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Type of Certificate	cURus
wire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Amount stranding	1
No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Stranding	3 wires twisted
Cable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	wire arrangement	brown, black, blue
Material jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability	Cable weigth	26,62 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Material jacket	PUR
Outer-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Outer-diameter (jacket)	4,3 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm   Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 43 ± 5 Shore D   Material properties wire insulation good machinability	Material wire insulation	PVC
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinability	Amount wires	3
Shore hardness wire insulation 43 ± 5 Shore D   Material properties wire insulation good machinability	Outer diameter insulation	1,25 mm
Material properties wire insulation good machinability	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material properties wire insulation	good machinability
	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free

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: 2024-04-27

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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 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° C
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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