

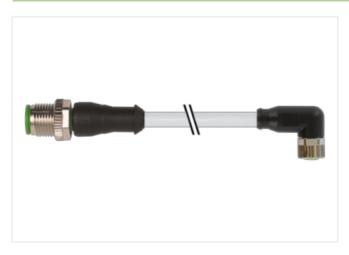
## M12 male 0° / M8 female 90° A-cod.

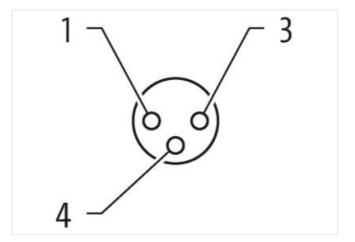
PVC 3x0.25 gy UL/CSA 0.3m

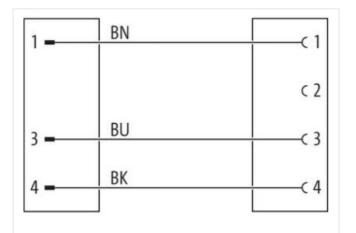
Male straight – female 90° M12 – M8, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on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

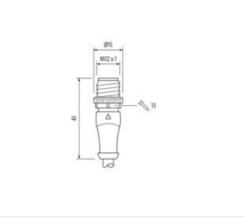
## Link to Product





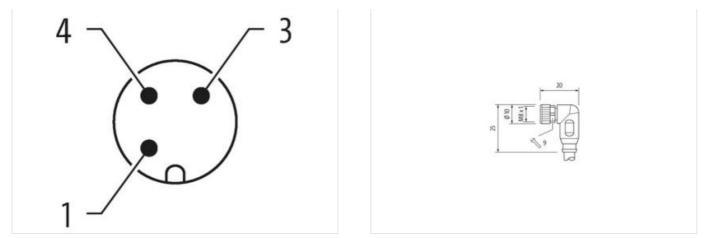






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-17





Product may differ from Image



Cable length	0,3 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 Ø)	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

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: 2024-04-17



ETW-5.0 EC001885   austoms utill number 8544280   GTIN 4048879161466   Packaging unit 1   Electrical data   Supply Devraing voltage AC max. 60 V   Operating voltage AC max. 60 V Operating voltage AC max. 60 V   Operating voltage AC max. 60 V Operating voltage AC max. 60 V   Operating voltage AC max. 60 V Operating voltage AC (UL-leted) 30 V   Current operating voltage DC (UL-tissed) 30 V Operating voltage DC (UL-tissed)   Device protection   Electrical AA Device protection   Electrical   Additional condition protection degree 3 Rate stuge voltage   Follution Degree 3 Rate stuge voltage 1.5 kV   Material group (ES 6064-1) I I   Mechanical data   Material data Cocating tocking Nickeled   Coating tocking Nickeled Coating tocking Coating tocking   Material gasket FKM FKM Coating tocking Coating tocking   Methanical data   Mounting data Zinc die-caating Coating toching Coating toching   Methanical data   Mounting data Zinc die-caating Coating toching Coating toching   Device protection Zinc die-caating <th>ECLASS-12.0</th> <th>27060311</th>	ECLASS-12.0	27060311
GTIN 4048979161466   Packaging unit 1   Electrical datal Supply Operating voltage AC max. 50 V   Operating voltage AC max. 50 V   Operating voltage AC (UL: listed) 30 V   Carrent operating per contact max. 4 A   Device protection I Electrical Additional condition protection degree   Instantiation Degriee 3   Rated surge voltage 1.5 kV   Material group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Vatoriage of filing nickoled   Coating locking Nickoled   Coating locking Nickoled   Coating locking Zinc die casting   Material gasket FKM   Locking material Zinc die casting   Material gasket Jine die casting   Material gasket Pico   Deprotumental characteristics ( Climatic   Operating formporature min. 25 °C   Operating formporature mi	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply     50 V       Operating voltage AC max.     50 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection I Electrical     Current operating per contact max.       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 6068-1)     1       Mechanical data   Material data     Copper alloy       Coating housing     Copper alloy       Coating housing     Nickeled       Coating housing     Nickeled       Coating noting     Nickeled       Coating housing     Zinc die-casting       Material gaset     FKM       Looking material     Zinc die-casting       Material gaset     FKM       Looking material     Zinc die-casting       Material gaset     PCM       Operating temperature min.     -25 °C       Operating temperature mins.     85 °C	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     50 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Operating outsge AC (LL-listed)     30 V       Match and outsge AC (LL-listed)     30 V       Operating foroscing (LC 60664-1)     1       Operating outsge AC (LL-listed)     40 A       Operating foroscing (LC 60664-1)     1	GTIN	4048879161466
Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical	Packaging unit	1
Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical	Electrical data   Supply	
Operating voltage DC max.     60 V       Operating voltage AC (UL-Isted)     30 V       Operating voltage DC (UL-Isted)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Flated surge voltage     1.5 kV       Material group (IEC 6064-1)     I       Mechanical data   Material data     Cooper alloy       Coating locking     Cooper alloy       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zinc die-casting       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmetal characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature range     dependrig on cable quality		50 V
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (ICE 60664-1)     1       Mechanical data   Material data     Cooppor alloy       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickele   pated       Material scrept contact max.     RA       Mechanical data   Mounting data     Zinc die-casting       Mechanical data   Mounting data     Zinc die-casting       Mechanical data   Mounting data     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 max.     85 °C       Additional condition temperature max.     85 °C     Caddition     210       Casher Type		
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     A       Additional controlition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coeding housing     Copper alloy       Coating housing     Copper alloy     Coating of fitting       Coating function grate at a material gasket     FRM     Icoking material       Looking material     Zinc die-casting     Material gasket       Material gasket     FRM     Icoking protection     Inserted, screwed, Shaking protection       Dering material     Zinc die-casting     Inserted, screwed, Shaking protection     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C     Operating temperature min.     -25 °C       Operating temperature min.     -25 °C     Operating temperature max.     85 °C     Additional contion to meparature max.     85 °C       Codition to more atture may     Uperating temperature may     1		
Current operating per contact max.   4 A     Device protection   Electrical     Additional condition protection degree   inserted, serewed     Pollution Degree   3     Rated surge voltage   1,5 kV     Meterial group (IEC 60664-1)   1     Mechanical data   Material data   Cooppor alloy     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Locking material   Zinc die-casting     Material gasket   FKM     Locking material   Zinc die-casting     Material gasket   Immediate data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Inserted.screwed, DiN EN 61076-2-114 (M8)     Installation   Cable   210     Cable identification   210     Cable identification   210     Cable identification   1     <		30 V
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating housing   Copper alloy     Coating housing   Copper alloy   Coating housing   Nickeled     Coating for fitting   nickel plated   Material gaskt   FKM     Locking material   Zinc die-casting   Material gaskt   Material gaskt     Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature max.   85 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality   Environmental characteristics   Climatic     Installation   Cable   Contention   210   Cotable digmental digmental digmental digmental digmental digmental		4 A
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60684-1)   1     Mechanical data   Material data   Copper alloy     Coating looking   Copper alloy     Coating looking   Nickeled     Looking material   Zinc die-casting     Material stew connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature mane.   85 °C     Additional condition temperature range   depending on cable quality <t< td=""><td>Device protection   Electrical</td><td></td></t<>	Device protection   Electrical	
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data [ Material data   Copper alloy     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Material gasket   FKM     Locking material   Zinc die-casting     Material soriew connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature main.     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   210     Cable identification   210     Cable Identification   210     Cable ISP   1     Jacket Color   gray     Type of Certificate   cUFlus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating housing   Copper alloy     Coating locking   Nickeled   Coating of fitting     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material sorew connection   Zinc die-casting     Mcchanical data   Mounting data   mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Contornity   Product standard     Installation   Cable   210     Cable identification   210     Cable identification   210     Cable Type   1     Jaacket Color   gray     Type of Certificate   cURus     Annount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weight   29.37 g/m	Pollution Degree	3
Mechanical data   Material data       Coating housing     Copper alloy       Coating locking     Nickeled       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 method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Institution (M12), DIN EN 61076-2-114 (M8)       Instatiation   Cable     210       Cable rype     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable type     29,37 ym	Rated surge voltage	1,5 kV
Coating housingCopper alloyCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataMaterialMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityContomityProduct standardDIN EN 61076-2-114 (M8)Installation   CableCable lotentfication210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.37 g/mMaterial jacketPVC	Material group (IEC 60664-1)	
Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     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 range     depending on cable quality       Conformity     Installation   Cable       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     210       Cable identification     210       Cable Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arangement     brown, black, blue       Cable weight     29,37 g/m	Mechanical data   Material data	
Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     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 range     depending on cable quality       Conformity     Installation   Cable       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     210       Cable identification     210       Cable Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arangement     brown, black, blue       Cable weight     29,37 g/m		Copper alloy
Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data		
Material gasket     FKM       Locking material     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 range     depending on cable quality       Conformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable           Cable identification     210          Cable Type     1            Type of Certificate     cURus            Stranding     1     Stranding     3 wires twisted          Wire arrangement     brown, black, blue     Cable weigth     29,37 g/m		nickel plated
Locking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental 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 identification210Cable IdentificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC		· · · · · · · · · · · · · · · · · · ·
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   210     Cable Identification   210     Cable Color   gray     Type of Certificate   cURus     Annount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   29,37 g/m		Zinc die-casting
Mounting methodinserted, screwed, Shaking protectionEnvironmental 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 identification210Cable identification210Cable Type1Jacket ColorgrayType of CertificatecURusArnount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/m	Material screw connection	Zinc die-casting
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityInstallation   CableProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   Cable210Cable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/m	Mechanical data   Mounting data	
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 identificationCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusArnount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable identificationgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Environmental characteristics   Climatic	
Additional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Operating temperature min.	-25 °C
ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Additional condition temperature range	depending on cable quality
Installation   CableCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Conformity	
Cable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Installation   Cable	
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Cable identification	210
Type of Certificate cURus   Amount stranding 1   Stranding 3 wires twisted   wire arrangement brown, black, blue   Cable weigth 29,37 g/m   Material jacket PVC	Cable Type	1
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVC	Jacket Color	gray
Stranding 3 wires twisted   wire arrangement brown, black, blue   Cable weigth 29,37 g/m   Material jacket PVC	Type of Certificate	cURus
wire arrangement brown, black, blue   Cable weigth 29,37 g/m   Material jacket PVC	Amount stranding	1
Cable weigth 29,37 g/m   Material jacket PVC	Stranding	3 wires twisted
Material jacket PVC	wire arrangement	brown, black, blue
	Cable weigth	29,37 g/m
		-
Shore hardness jacket 85 ± 5 Shore A		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free		
Outer-diameter (jacket) 4,5 mm		·
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 45 ± 5 Shore D		
Material properties wire insulation good machinability	waterial properties wire insulation	ניטט המכהותמטווגי

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: 2024-04-17



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   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

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: 2024-04-17