

## Y-Distributor M12 male / M12 female 0° A-cod.

PVC 3x0.34 gy UL/CSA 30m

Y-connector M12 - M12, 4/3-pole

 $\label{eq:males} \mbox{Male straight} - \mbox{females straight}$ 

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

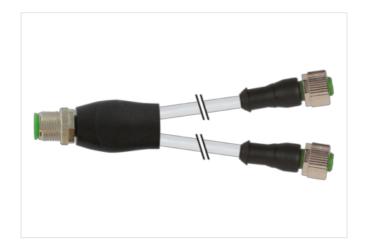
Plastic housings with good resistance against chemicals and oils.

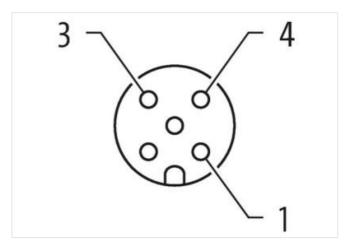
The resistance to aggressive media should be individually tested for your application. Further details on request.

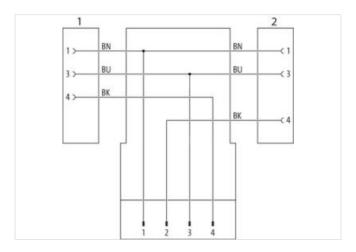
Further cable lengths on request.

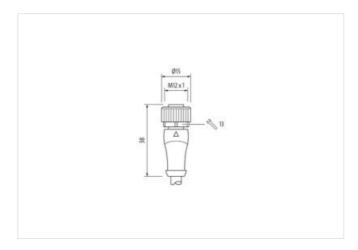
## **Link to Product**

## Illustration



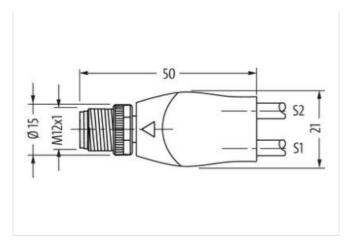


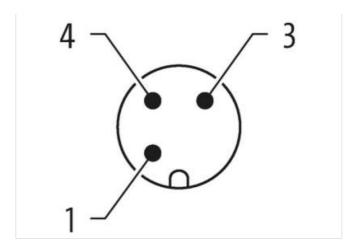






stay connected





Product may differ from Image













Cable length	30 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 contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	



stay connected

CALASS-7.7   27779218     CALASS-8.0   27779218     CALASS-8.0   2779218     CALASS-8.0   2779218     CALASS-1.1   2706013     CALASS-1.1   2706	ECLASS-6.0	27279218
EGLASS 8.0         2726918           EGLASS 9.0         27060311           EGLASS 1.1.1         27060313           EGLASS 1.2.0         27060313           EGLASS 1.2.0         27060313           ETIM 5.0         ED01856           Customs tariff number         8544280           GTIN         404897522571           Packaging und         1           Electrical data Supply         February 1.2		07070040
EGLASS-9.0         27668311           EGLASS-10.1         27669313           EGLASS-11.2         27669313           EGLASS-12.0         27669313           EGLASS-12.0         ECR01855           ETM-5.0         ECR01855           ETM-5.0         ECR01855           customs suff further         85444290           GTN         4048878522571           Packaging unit         1           Electrical data   Supply         Poperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (U. Islaed)         30 V           Current operating per context max.         4 A           Diagnostics         Status indication LED           Installation   Connection         mo           Installation   Connection         Mile x 1           Device protection   Electrical         AC           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Read augus voltage         2,5 kV           Material group (EC 60684-1)         1           Machanical data   Material data         Contain politing meterial data   Material data           Coating of I		
EGLASS-101         27060313           EGLASS-12.0         27060313           ETIM-5.0         ECOI1855           CALSS-12.0         8544200           GTIN         404887852571           Packaging unit         1           Electricial datal Supply         Ceparating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage DC (UL-steet)         30 V           Operating voltage DC (UL-steet)         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Motional condition protection degree         3           Raided sup voltage         2,5 kV           Meteral gashet         FKM           Locking material data   Material data         Machanical data   Material data           Ma		
ECLASS-111         27000313           ECLASS-12.0         27000313           ETIM-5.0         ECO01855           causions sainf number         8544230           GTIN         404887622571           Packaging unit         1           Electrical data   Supply         Coparating voitage AC max.           Operating voitage AC max.         250 V           Operating voitage AC (UL steaty)         30 V           Outrand post operation protection act max.         4 A           Diagnostics         To steat		
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GTIN         4048879522571           Packaging unit         1           Electrical data   Supply         250 V           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Installation   Connection         Will Val           Installation   Connection         Will X 1           Device protection   Electrical         Mil X 1           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Radied surge voltage         2,5 kV           Material group (EC 60664-1)         I           Mechanical data   Material data         Wickeled           Coating bothing         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Enviro		
Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-Histed)         30 V           Operating voltage DC ill-Histed)         30 V           Current operating per contact max.         4 A           Diagnostice         Image: Color operating voltage CD (UL-Histed)           Status indication LED         no           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated suge voltage         2.5 kV           Mechanical data   Material data         Image: Color operating leaded           Mechanical data   Material data         Image: Color operating leaded           Material gasket         FKM           Locking antarial         Zinc die-casting           Mechanical data   Mounting data         Image: Color operating lemperature min.           Mechanical condition temperature min.         -25 °C           Operating lemperature min.         -25 °C           Operating lemperature min.         -25 °C           Operating lemperature may         depending on cable quality           Conformity         Colo		
Electrical data   Supply         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Bitatus indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Attention group (IEC 6068-4.1)         I           Mechanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating of litting         nickele plated           Material gasket         FKM           Locking material         Zinc die-casting           Material Service connection         Zinc die-casting           Mechanical data   Mounting data           Muterial screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting meth		
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Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         V           Status indication LED         no           Installation   Connection         W           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         V           Coating locking         Nickeled           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Methodical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         V           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Contormity         V           Product standard         DIN EN 61076-2-101 (M12)	Electrical data   Supply	
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Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Metarial group (IEC 60664-1)         I           Metarial data [Material data         Image: Material gasket           Coating locking         Nickeled           Coating of fitting         nickel plated           Material srew connection         Zinc die-casting           Mechanical data [Mounting data         Mechanical data [Mounting data           Mechanical data [Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature mix.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product slandard         DIN EN 61076-2-101 (M12)           Installation   Cable   Cooling   Capital (Cooling   Capital (Cooling ) Capital (Cooling	Operating voltage DC max.	250 V
Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc dio-casting           Material gasket         FKM           Locking material         Zinc dio-casting           Mechanical data   Mounting data         Micrometrial properties of control of casting           Mechanical data   Mounting data         Micrometrial characteristics   Climatic           Poperating temperature min.         -25 °C           Operating temperature min.         -25 °C <td>Operating voltage AC (UL-listed)</td> <td>30 V</td>	Operating voltage AC (UL-listed)	30 V
Diagnostics           Status indication LED         no           Institution (Connection           Mounting set         M12 x 1           Device protection [Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         Nickeled           Coating of litting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting data           Environmental characteristics   Climatic           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         25 °C           Conformity         Product standard         DIN EN 61076-2-101 (M12)	Operating voltage DC (UL-listed)	30 V
Status indication LED         no           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Web Procession           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.         25 °C           Operating temperature max         85 °C         Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)         Installation (able           Cable identification         213         Cable identification         213           Cable Color         gray         Type of Certificate         cURus           Amount stranding         1<	Current operating per contact max.	4 A
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Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating Oking         Nickeled           Coating of lifting         nickel plated           Material gasket         FKM         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         85 °C           Additional condition temperature range         DIN EN 61076-2-101 (M12)         Installation   Cable           Cable identification         213         Accepted of Capital (Material data)         Accepted of Capital (Material data)           Lacket Color         gray         Accepted of Capital (Material data)         Accepted of Capital (Material data)           Amount stranding         1         Accepted of	Status indication LED	no
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating Oking         Nickeled           Coating of lifting         nickel plated           Material gasket         FKM         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         85 °C           Additional condition temperature range         DIN EN 61076-2-101 (M12)         Installation   Cable           Cable identification         213         Accepted of Capital (Material data)         Accepted of Capital (Material data)           Lacket Color         gray         Accepted of Capital (Material data)         Accepted of Capital (Material data)           Amount stranding         1         Accepted of	Installation   Connection	
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Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating Jocking         Nickeled           Coating Jocking         nickel plated           Material gasket         FKM           Locking material         Zinc die-easting           Material screw connection         Zinc die-easting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Commental characteristics   Climatic           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Contromity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable type         brown, black, blue		Sound of the second
Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating of fitting         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         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)           Installation   Cable           Cable identification         213           Cable (Julia)         3           Jacket Color         gray           Type of Certificate         cJURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue		
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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           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Coperating 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)           Installation   Cable           Cable identification         213           Cable Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m		· · ·
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           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)           Installation   Cable           Cable identification         213           Cable (July Elemental Color)         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m		'
Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Metrial 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)       Installation   Cable       Cable identification     213       Cable Type     1       Jacket Color     gray       Type of Certificate     URus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     34,1 g/m	Mechanical data   Material data	
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Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating 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)           Installation   Cable         213           Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m		·
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable Cable identification 213 Cable Type 1 Jacket Color gray  Type of Certificate cURus  Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m		
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m		
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min. Operating temperature max. S5 °C  Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m	Mechanical data   Mounting data	
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Operating temperature max. Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m	Environmental characteristics   Climatic	
Operating temperature max. Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m	Operating temperature min	-25 °C
Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m	<u> </u>	
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m		
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m		
Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m		DIN EN 61076 2 101 (M12)
Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m		DIN EN 61076-2-101 (M12)
Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m		
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Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m	Cable Type	1
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m	Jacket Color	
Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m	Type of Certificate	
wire arrangement brown, black, blue Cable weigth 34,1 g/m	Amount stranding	
Cable weigth 34,1 g/m	Stranding	
	wire arrangement	
Material jacket PVC	Cable weigth	
	Material jacket	PVC



Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
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	6 A
Electrical resistance line constant wire	57 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 ℃
Operating temperature max. (dynamic)	80 °C
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