

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

PUR 5x0.34 bk UL/CSA 7.5m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Y-connector M12 - M12, 5-pole

Male straight - females straight

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

Plastic housings with good resistance against chemicals and oils.

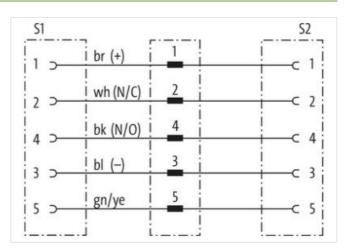
The resistance to aggressive media should be individually tested for your application. Further details on request.

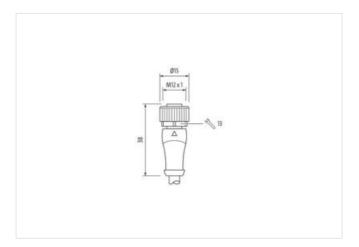
Further cable lengths on request.

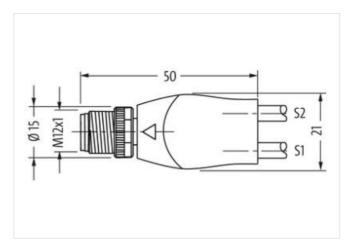
## **Link to Product**

## Illustration

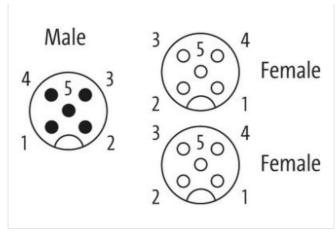












Product may differ from Image



Cable length	7,5 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	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, 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	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 3	
Family construction form	M12
Coding	A
No. of poles	5
Commercial data	
ECLASS-6.0	27279218



stay connected

EGLASS 10         277927818           EGLASS 20         277927818           EGLASS 30         277927818           EGLASS 30         27702013           EGLASS 11         27000013           EGLASS 12.0         27000013           EGLASS 12.0         27000013           ETIMAS 0         ECOLESS           GTN         49887967324           Packaging unit         1           Beckrict data (Supply)           Operating voltage AC risa.         125 V           Current operating per centual max         4           Value indication LED         no           Installation Comection         M12 x 1           Device protection   Electrical         M2 x 1           Additional condition protection degree         3           Palation Degree         3           Rated sure voltage         1,5 kV           Material group (EG 50684-1)         1           Received protection   Electrical         Nickelot           Coating of titing         nickelot           Coating to ching         Nickelot           Coating to ching         Nickelot           Coating to ching         Nickelot           Coating to ching         nickel-auting		
ECLASS-8.0         2706013           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313           ECLASS-12.0         27060313           ETIMS-5.0         ECOLOSS-12.0           GTIN         4048209           GTIN         404827857334           Packaging unt         1           Electrical Cala Suppy         February Company or 125 V           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Description of Comment.         4           Description of Comment.         4           Description of Comment.         4           Male indication LED         no           Description of Comment.         4           Mounting and         M12 x 1           Device protection Electrical         M12 x 1           Material group (PEC 50864)         1           Pollution Degree         3           Alled and Condition protection degree         1           Material group (PEC 50864)         1           Macerial governance         1           Casting of Rifting         nickle plated           Material group (PEC 50864)         PK	ECLASS-6.1	27279218
ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.2         27060313           ECLASS-12.0         27060313           ECLASS-12.0         27060313           ECLASS-12.0         27060313           ECLASS-12.0         ECDITES           Catoms staff number         8544620           CITN         40488-7657394           Packaging unit         1           Electrical data I Supply         1           Percentaging package AC max.         125 V           Operating vallage DC max.         4.8 A           Current operating package AC max.         4.8 A           Oppraing vallage DC max.         4.8 A           Current operating package AC max.         4.8 A           Oppraing vallage DC max.         4.8 A           Status indication LED         no           Installation Connection         Installation Connection           Mounting set         M12 x 1           Percentage protection electrical         Additional condition protection degree           Ratio sayes vallage         inserted, screwed           Pallution Degree         3           Ratio sayes vallage         inserted, screwed           Publishing probability (Secondary Secondary S		27279218
ECLASS-101         27680313           ECLASS-120         27680313           ETIMS-10         ECO01855           Customs fartif number         6844200           OTIN         4948679657334           Packaging unt         1           Exercised data [Supply           Operating voltage AC max.         125 V           Current operating per cortact max.         4 A           Diagnostics           Status indication LED         no           Institution [Comection           Mounting past         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rates surge-voltage         1,5 kV           Material group (IEC 60664-1)         1           Mochanical data (Material data           Coating Ordificial (ata in Material group (IEC 60664-1)         1           Mounting material         2 inc de-casting           Material group (IEC 60664-1)         1           Mounting data           Material group (IEC 606664-1)         1           Mounting		
ECLASS-11.1         27060313           ECLASS-12.0         27060313           ECLASS-12.0         27060313           ETIM-5.0         E001655           custons staff number         8544230           OTIN         40487365734           Packaging unit         1           Electrical data [Supply         V           Operating voltage DC max.         125 V           Operating voltage DC max.         425 V           Operating voltage DC max.         43 V           Obiginosatics         V           Status indication LED         no           Installation [Connection         V           Mounting set         M12 x 1           Device protection I Electrical         S           Additional condition protection degree         3           Pollution Degree         3           Read surge voltage         1,5 k V           Material group (EC 66984-1)         1           Mechanical data Meterial data         V           Coating booking         PKM           Material group (EC 66984-1)         1           Locking abendal         Jinc de-casting           Material group (EC 66984-1)         1           Locking book (EC 66984-1)         PKM		
ECLASS 12.0         27000135           ETIM-5.0         EC001855           customs tarl number         85444290           CTIN         4048878557334           Packaging unit         1           Electrical data   Supply         Packaging unit           Operating vallage AC max.         125 V           Current operating per contact max.         4 A           Diagnostics         Total Control Contr		27060313
ETIM-S.O         EC001885           customs staff number         85444290           GTIN         404897867334           Packaging unit         1           Electrical data   Supply           Operating voltage DC max         125 V           Operating voltage DC max         125 V           Current operating per contact max.         4 A           Daysocities           Status indication LED         no           Institution   Connection           Mountain part of protection legistrical           Additional condition protection degree         3           Bates surge voltage         1.5 kV           Material group (EC6 8064+1)         1           Legistrical data   Material data           Mechanical data   Material data           Lociang boking         Nickeled           Coating boking         Nickeled           Coating for fitting         nickel plated           Material grosset         FKM           Locking material         Zinc die-casting           Material grosset         FKM           December of material         Zinc die-casting           Material data   Mounting data <t< td=""><td></td><td>27060313</td></t<>		27060313
customs tariff number         85444290           GTIN         4048679657334           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED           No Projection Incortical           Mounting set           MI2 x 1           Device protection   Ilectrical           Additional condition protection degree           Mailed suge voltage         3           Additional condition protection degree         3           Additional condition protection degree         3           Mailed suge voltage         1.5 kV           Maled suge voltage         1.5 kV           Maled suge voltage         1.6 kV           Colspan="2">Maled sug	ECLASS-12.0	27060313
GTN         4048879657334           Packaging unit         1           Electrical data   Supply           Operating voltage AC max         125 V           Operating voltage DC max         125 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         3           Pollution Degree         3           Rated supe voltage         1.5 kV           Malerial group (IEG 806641)         1           Mechanical data   Material data           Coating of fitting         nickel plated           Malerial grow connection         Zinc die-casting           Malerial grow connection         Zinc die-casting           Malerial grow connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method           Mounting method           Mounting method           Mounting lempe		
Packaging unit		85444290
Electrical data   Supply		4048879657334
Operating voltage AC max.	Packaging unit	1
Operating voltage DC max         125 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection         Multiple of the properties of the propert	Electrical data   Supply	
Current operating per contact max.    Diagnostics   Status indication LED   no	Operating voltage AC max.	125 V
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         1,5 kV           Material group (EC 60664-1)         I           Mechanical data   Material data         Image: Material group (EC 60664-1)           Coating locking         Nickeled           Coating of litting         nickel plated           Material gasket         FKM           Locking material         Zinc die-assiting           Material gasket         FKM           Locking material         Zinc die-assiting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         2.5° °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable         Cable identification         625           Cable weight [6m]         54,78 g           Material yellow         UL (xMM-Style 20549/1731), CSA; CE conform	Operating voltage DC max.	125 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 1,5 kV  Meterial group (IEC 606841) 1  Mechanical data   Material data  Coating locking Nickelod  Coating of fitting nickel plated  Material screw connection   Zinc die-casting  Material screw connection   Zinc die-casting  Methanical data   Mounting data  Mechanical data   Mounting data  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 25 °C  Operating temperature max. 25 °C  Cable (Gabic desting)  Additional condition temperature range depending on cable quality  Cable  Cable (Gabic (Gabic ) U. (AWM-Style 20549/1731), CSA; CE conform  Cable weight [g/m] 54,78 g  Material wire Core) 0.1 mm  Construction (core) 42 x 0.1 mm (multi-strand wire class 6)  Bameter (core) 5.0 34 mm²  Addational condition (core) 5.0 34 mm²  Austerial roperty wire insulation CFC, cadmium., silicone- and lead-free  Shore hardness wire isolation CFC, cadmium., silicone- and lead-free  Shore hardness wire isolation CFC, cadmium., silicone- and lead-free  Shore hardness wire isolation CFC, cadmium., silicone- and lead-free	Current operating per contact max.	4 A
Installation   Connection   Mounting set   M12 x 1   Device protection   Electrical   Additional condition protection degree   inserted, screwed   Pollution Degree   3   Rated surge voltage   1,5 kV   Material group (ICC 66664+1)   1   Mechanical data   Material data   Coating of fitting   nickel plated   Material gasket   FKM   Locking material   Zinc die-casting   Material gasket   FKM   Locking material   Zinc die-casting   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection    Environmental characteristics   Climatic   Coperating temperature min.   25 °C   Coperating temperature min.   25 °C   Coperating temperature may   depending on cable quality    Cable   Cable (Institution   S2   Cable (Type   2 (PURIPVC)   Approval (cable)   UL (AWM-Style 20549/1731), CSA; CE conform   Resistor (core)   D.1 rm   Construction (core)   5 s. 0.34 mm²   AWG   similar to AWG 22   Material wire insulation   CPC, cadmium, silicone-and lead-free   Shore hardness wire isolation   43 ± 5 D	Diagnostics	
Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mochanical data   Material data Coating locking Nickel plated Material gasket FKM Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C Operating temperature min25 °C Operating temperature range depending on cable quality  Cable Cable (Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA, CE conform Cable weight [g/m] 54,78 g Material wire Core) 1,1 mm (multi-strand wire class 6) Diameter (core) 42 x 0.1 mm (multi-strand wire class 6) Diameter (core) 5 x 0.34 mm² Albertal wire isolation PVC Material wire isolation H S 5 D	Status indication LED	no
Device protection   Electrical           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 locking         Nickeled           Coating of litting         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           Cable (Sable Inflication         625           Cable (Sable Inflication)         625           Cable (Sable Inflication)         625           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire O (core)         0.1 mm	Installation   Connection	
Device protection   Electrical           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 locking         Nickeled           Coating of litting         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           Cable (Sable Inflication         625           Cable (Sable Inflication)         625           Cable (Sable Inflication)         625           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire O (core)         0.1 mm	Mounting set	M12 x 1
Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           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           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable         Cable identification         625           Cable identification         625           Cable veglet (g/m)         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 O/km (20 °C)           Single wire Ø (core)         0.1 mm (multi-strand wire class 6)           Diameter (core)         5x 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         OFC, cadmium., s	Device protection   Electrical	
Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           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           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable         Cable identification         625           Cable identification         625           Cable veglet (g/m)         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 O/km (20 °C)           Single wire Ø (core)         0.1 mm (multi-strand wire class 6)           Diameter (core)         5x 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         OFC, cadmium., s		inserted screwed
Rated surge voltage	· · · · · · · · · · · · · · · · · · ·	
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         Mounting method           Invironmental characteristics   Climatic         Fervironmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable         Cable dentification           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 × 0.34 mm²           AWG         similar to AWG 22           Material property wire insulation         CFC-, cadmium-,		
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           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           Cable         Cable identification           625         Cable intermediation           626         Cable rype           2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42x 0.1 mm (multi-strand wire class 6)           Diameter (core)         5x 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         CFC, cadmium., silicone- and l		· · · · · · · · · · · · · · · · · · ·
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  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Cable  Cable identification 625 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 54,78 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42x 0.1 mm (multi-strand wire class 6) Diameter (core) 5x 0.34 mm² AWG similar to AWG 22 Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D		
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           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable         Cable identification           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 O/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 v. 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         PVC           Material wire isolation         CFC-, cadmium-, silicone- and lead-free           Shore hardness wire isolation         43 ±5 D		Ministral
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       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Cable       Cable     Expression (cable)       Cable (admitification     625       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     54,78 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Ω/km (20 °C)       Single wire Ø (core)     0.1 mm       Construction (core)     42 × 0.1 mm (multi-strand wire class 6)       Diameter (core)     5 × 0.34 mm²       AWG     similar to AWG 22       Material wire isolation     PVC       Material property wire insulation     CFC-, cadmium-, silicone- and lead-free       Shore hardness wire isolation     43 ± 5 D	-	
Locking material       Zinc die-casting         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         Cable       Cable identification         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       54,78 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42× 0.1 mm (multi-strand wire class 6)         Diameter (core)       5× 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ±5 D		·
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           Cable         Cable identification           625         625           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 × 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         PVC           Material property wire insulation         CFC-, cadmium-, silicone- and lead-free           Shore hardness wire isolation         43 ± 5 D		
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         Cable       Cable identification         Cable identification       625         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       54,78 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42 × 0.1 mm (multi-strand wire class 6)         Diameter (core)       5x 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ± 5 D		<del>_</del>
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  Cable  Cable (Cable identification 625  Cable Type 2 (PUR/PVC)  Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform  Cable weight [g/m] 54,78 g  Material wire Cu wire, bare  Resistor (core) max. 57 Ω/km (20 °C)  Single wire Ø (core) 0.1 mm  Construction (core) 42× 0.1 mm (multi-strand wire class 6)  Diameter (core) 5× 0.34 mm²  AWG similar to AWG 22  Material wire isolation PVC  Material property wire insulation CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation 43 ± 5 D		Zinc die-casting
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable           Cable identification         625           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         5× 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         PVC           Material property wire insulation         CFC-, cadmium-, silicone- and lead-free           Shore hardness wire isolation         43 ±5 D		
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Cable         Cable identification       625         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       54,78 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42× 0.1 mm (multi-strand wire class 6)         Diameter (core)       5x 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ±5 D	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Cable         Cable identification       625         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       54,78 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42× 0.1 mm (multi-strand wire class 6)         Diameter (core)       5× 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ±5 D	Environmental characteristics   Climatic	
Additional condition temperature range       depending on cable quality         Cable         Cable identification       625         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       54,78 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42× 0.1 mm (multi-strand wire class 6)         Diameter (core)       5× 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ±5 D	Operating temperature min.	-25 °C
Cable           Cable identification         625           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         5× 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         PVC           Material property wire insulation         CFC-, cadmium-, silicone- and lead-free           Shore hardness wire isolation         43 ±5 D	Operating temperature max.	85 °C
Cable identification         625           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         54,78 g           Material wire         Cu wire, bare           Resistor (core)         max. 57 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 × 0.34 mm²           AWG         similar to AWG 22           Material wire isolation         PVC           Material property wire insulation         CFC-, cadmium-, silicone- and lead-free           Shore hardness wire isolation         43 ± 5 D	Additional condition temperature range	depending on cable quality
Cable Type 2 (PUR/PVC)  Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform  Cable weight [g/m] 54,78 g  Material wire Cu wire, bare  Resistor (core) max. 57 Ω/km (20 °C)  Single wire Ø (core) 0.1 mm  Construction (core) 42× 0.1 mm (multi-strand wire class 6)  Diameter (core) 5× 0.34 mm²  AWG similar to AWG 22  Material wire isolation PVC  Material property wire insulation CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation 43 ±5 D	Cable	
Approval (cable)  UL (AWM-Style 20549/1731), CSA; CE conform  Cable weight [g/m]  54,78 g  Material wire  Cu wire, bare  Resistor (core)  max. 57 Ω/km (20 °C)  Single wire Ø (core)  0.1 mm  Construction (core)  42× 0.1 mm (multi-strand wire class 6)  Diameter (core)  5× 0.34 mm²  AWG  similar to AWG 22  Material wire isolation  PVC  Material property wire insulation  CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation  43 ±5 D	Cable identification	625
Cable weight [g/m]       54,78 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42 × 0.1 mm (multi-strand wire class 6)         Diameter (core)       5 × 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ±5 D	Cable Type	2 (PUR/PVC)
Material wire       Cu wire, bare         Resistor (core) $max. 57 \Omega / km (20 \degree C)$ Single wire $\emptyset$ (core) $0.1 \text{ mm}$ Construction (core) $42 \times 0.1 \text{ mm}$ (multi-strand wire class 6)         Diameter (core) $5 \times 0.34 \text{ mm}^2$ AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation $43 \pm 5 D$	Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Resistor (core) $\max. 57  \Omega/km  (20  ^{\circ}C)$ Single wire $\emptyset$ (core) $0.1  mm$ Construction (core) $42 \times 0.1  mm$ (multi-strand wire class 6) Diameter (core) $5 \times 0.34  mm^2$ AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation $43 \pm 5  D$	Cable weight [g/m]	54,78 g
Single wire Ø (core)       0.1 mm         Construction (core)       42× 0.1 mm (multi-strand wire class 6)         Diameter (core)       5× 0.34 mm²         AWG       similar to AWG 22         Material wire isolation       PVC         Material property wire insulation       CFC-, cadmium-, silicone- and lead-free         Shore hardness wire isolation       43 ±5 D	Material wire	Cu wire, bare
Construction (core) 42 × 0.1 mm (multi-strand wire class 6)  Diameter (core) 5× 0.34 mm²  AWG similar to AWG 22  Material wire isolation PVC  Material property wire insulation CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation 43 ±5 D	Resistor (core)	max. 57 Ω/km (20 °C)
Diameter (core) 5× 0.34 mm²  AWG similar to AWG 22  Material wire isolation PVC  Material property wire insulation CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation 43 ±5 D	Single wire Ø (core)	0.1 mm
AWG similar to AWG 22  Material wire isolation PVC  Material property wire insulation CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation 43 ±5 D	Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Material wire isolation PVC  Material property wire insulation CFC-, cadmium-, silicone- and lead-free  Shore hardness wire isolation 43 ±5 D	Diameter (core)	5× 0.34 mm²
Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D	AWG	similar to AWG 22
Shore hardness wire isolation 43 ±5 D	Material wire isolation	PVC
	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Wire-Ø incl. isolation 1.25 mm ±5%		
	Wire-Ø incl. isolation	1.25 mm ±5%

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: 2024-05-13



Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material jacket	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.0 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²