

## M12 female 90° A-cod. with cable V2A

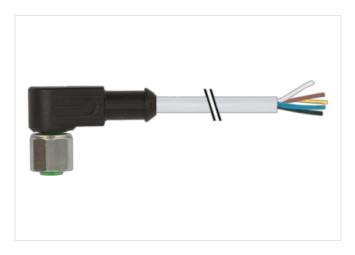
PUR 5x0.34 gy UL/CSA 10m

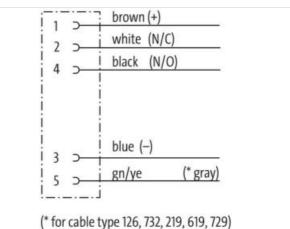
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

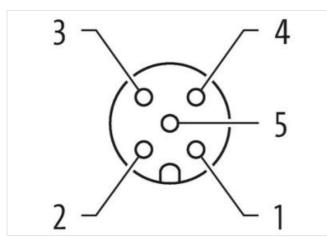
Female 90° M12, 5-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Stainless steel 1.4305 (V2A) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

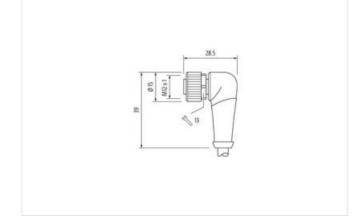












The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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Degree of protection (EN IEC 60529)     IP66K, IP67       Commercial data     ECLASS 6.0     27279218       ECLASS 6.1     27279218     ECLASS 6.0     27279218       ECLASS 6.0     27279218     ECLASS 6.0     ECLASS 6.0<	Cable length	10 m
Family construction form     M12       Timesd     M12 × 1       Maile for conrugated tube (internal 0);     10 mm       Worth accouncysted tube (internal 0);     10 mm       Worth accouncysted tube (internal 0);     10 mm       Begree of protection (IS NIE 0.0525);     1966, IP67       Commonial data     27279218       ECLASS - 0.     27279218       ECLASS - 70     27279218       ECLASS - 0.     27279218       ECLASS - 0.     27279218       ECLASS - 0.     27279218       ECLASS - 0.     27090311       ECLASS - 1.0     27090311       Parkaging unt     1       Electrical data I Supply     1       Parkaging unt     1       Electrical data I Supply     1       Deparating voitage AC (LL-Lated)     30 V       Deparating voitage AC (LL-Lated)     30 V       Deparating voitage AC (LL-Lated)     30 V       Electrical<	Side 1	
Family construction form     M12       Timesd     M12 × 1       Maile for conrugated tube (internal 0);     10 mm       Worth accouncysted tube (internal 0);     10 mm       Worth accouncysted tube (internal 0);     10 mm       Begree of protection (IS NIE 0.0525);     1966, IP67       Commonial data     27279218       ECLASS - 0.     27279218       ECLASS - 70     27279218       ECLASS - 0.     27279218       ECLASS - 0.     27279218       ECLASS - 0.     27279218       ECLASS - 0.     27090311       ECLASS - 1.0     27090311       Parkaging unt     1       Electrical data I Supply     1       Parkaging unt     1       Electrical data I Supply     1       Deparating voitage AC (LL-Lated)     30 V       Deparating voitage AC (LL-Lated)     30 V       Deparating voitage AC (LL-Lated)     30 V       Electrical<	Tightening torque	0.6 Nm
Thread     M12 x 1       suitable for corrugated tube (internal O)     10 mm       CEQLASS 7.0     27279218       ECLASS 7.0     27260311       ECLASS 7.0     27060311       ECLASS 7.0     20060311       ECLASS 7.0     20040319       GTN     404879609378       Tackaging und     1       Electical dial Suppy     Doperating vitage DC ruL. Interdo		
sealable for corrugated table (internal Ø)     10 mm       Witch across tates     SW13       Sequere of protection (EN EC 00529)     IP66R, IP67       Commercial data     27279218       ECLASS.6.0     27279218       ECLASS.7.0     27279218       ECLASS.7.0     27279218       ECLASS.7.0     27279218       ECLASS.7.0     27279218       ECLASS.7.0     27260311       ECLASS.7.0     27060311       ECLASS.7.1     27060311       ECLASS.7.2     27000311       ECLASS.7.2     27000311       ECLASS.7.1     27060311       ECLASS.7.2     27000311       ECLASS.7.2     27000311       ECLASS.7.2     27000311       ECLASS.7.2     270	-	
With anses fails     9W13       Degree of protection (EN IEC 60529)     IP66K, IP67       Commercial dats     27278218       ECLASS 4.0     27278218       ECLASS 5.4.0     27278218       ECLASS 5.4.0     27278218       ECLASS 5.4.0     27278218       ECLASS 5.4.0     27269311       ECLASS 5.4.0     27060311       ECLASS 5.1.1     27060311       ECLASS 5.1.1     27060311       ECLASS 5.4.0     ECOSID855       ECLASS 5.1.1     27060311       ECLASS 5.1.2     270501855       ECLASS 5.1.1     27060311		
Commercial data     22729218       ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27060311       ECLASS 7.0     27060311       ECLASS 7.10     1804290       ECHICI data 15000     125       Operating voltage AC ma.     125 V       Operating voltage AC Ma.     125 V       Operating voltage AC (IL-Hinetd)     30 V	Width across flats	
ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027060311ECLASS-1.127060311ECLASS-12.027070301ECLASS-12.0250Operating vilage AC (UL-Listed)30 VOperating vilage CO (UL-Listed)30 VDureter pretection   Electrical3Environent   Electrical3Material protection ofgereiserted, screwedPolition Degree3Environentil Content250Content pretection degreeiserted, screwed, ScrewedPolition Degree3Content pretection electrical3Environentil Content environe3Content environe3<	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 9.0     27060311       ECLASS 1.0.1     27060311       ECLASS 7.0     27060311       ECLASS 7.0     27060311       ECLASS 7.1.1     27060311       ECLASS 7.0     2706031       Environment 1     1       Environment 20042     200       Deprinting voltage DC (UL-Istee)     3       Material rousing     PUR       Material rousing     PUR       Material rousing     Evironmental Characteristic J Clantt       Deprating t	Commercial data	
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 9.0     27060311       ECLASS 1.0.1     27060311       ECLASS 7.0     27060311       ECLASS 7.0     27060311       ECLASS 7.1.1     27060311       ECLASS 7.0     2706031       Environment 1     1       Environment 20042     200       Deprinting voltage DC (UL-Istee)     3       Material rousing     PUR       Material rousing     PUR       Material rousing     Evironmental Characteristic J Clantt       Deprating t	ECLASS-6.0	27279218
ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0.     27060311       ECLASS 5.1.1     27060311       ECLASS 5.2     27060311       ECLASS 5.2     27060311       ECLASS 5.2     27060311       ETM 5.0     EC001855       sustoms tariff number     8544290       STIN     40487906978       Packaging unit     1       Etertical data [Supply     Deparating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC (Lu-listed)     30 V       Operating voltage DC (Lu-listed)     30 V       Current operating voltage DC (Lu-listed)     30 V       Material provap (EC 60064-1)     1       Methanal group (EC 60064-1)     1       Methanal group (EC 60064-1)     1       Material group (EC 60064-1) <td>ECLASS-6.1</td> <td>27279218</td>	ECLASS-6.1	27279218
ECLASS 9.0     27060311       ECLASS 10.1     27060311       ECLASS 11.4     27060311       ECLASS 12.0     27060311       ECLASS 12.0     27060311       ECLASS 11.0     EC001855       ECLASS 11.0     6001855       ECLASS 11.0     4048879008978       Packaign unit     1       Electrical data   Supply     Deparating voltage AC max.       Doparating voltage AC max.     125 V       Oparating voltage AC (UL-listed)     30 V       Oparating voltage AC (UL-listed)     30 V       Current operating opt contact max.     4 A       Device protection   Electrical     Material group (UE G6064-1)       Viditional condition protection degree     3       Viditional condition protection degree     3       Viditional condition protection degree     1       Material group (UE G6064-1)     1       Material group (UE G6064-1)     1       Material protection   Electrical data     Material protection       Material protection group condition degree     1       Material protection   Electrical data     Material group (UE G6064-1)       Uparat	ECLASS-7.0	
ECLASS-10.1     27060311       ECLASS-11.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       EXIM-5.0     EC001855       EXIM-5.0     EC001855       Existent staff number     85444290       GTIN     4048879608978       Packaging unit     1       Electrical data [Suppy     J       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC max.     30 V       Operating voltage DC max.     125 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating voltage DC (UL-listed)     30 V       Editional condition protection degree     inserted, screwed       Policiton Degree     3       Material nousing     PUR       Rectancial data [Material data     Iserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Sc °C       Additional condition temperature range     depending on cable quality  <	ECLASS-8.0	
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETM-5.0     ECO10655       Customs tariff number     8544290       GTIN     4048079008978       Packaging unit     1       Electrical fals <b>JSupply</b> Electrical fals <b>JSupply</b> Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical fals     Solv       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Material data   Material data     Material data       Material group (IEC 60664-1)     1       Material group (IEC 60664-1)     1       Material group (IEC 60664-1)     1       Material data   Material data     Mousing       Mouting method     inserted, screwed, Shaking protection       Environmental characteristics   Glimatic     Siniless steel   1,4305 (V2A)	ECLASS-9.0	27060311
ECLASS-12.0     27060311       ETIM-5.0     ECO01855       usitoms taiff number     85444230       GTIN     4048879608978       Packaging unit     1       Electrical data   Supply     Deperating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Macterial condition protection degree     isorted, screwed       Polution Degree     3       Material housing     PUR       Locking material     fsainess steel 1.4305 (V2A)       Mechanical data   Material data     Material housing       Operating remperature max.     85 °C       Operating remperatu	ECLASS-10.1	27060311
ETIM.5.0     EC001855       customs tariff number     85444290       GTIN     4048897608878       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage AC (LL-listed)     30 V       Current Operating per contact max.     4 A       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material aroup (IEC 60864-1)     I       Metrial aroup (IEC 60864-1)     I       Environmental characteristics   Climatic     V2A)       Material proup (IEC 60864-1)     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Stainless steel 1.4305 (V2A)       Mouting method <td>ECLASS-11.1</td> <td></td>	ECLASS-11.1	
bustoms tariff number     85444290       GTIN     4048979609978       Packaging unit     1       Electrical dals Supply     I       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Povice protection   Electrical	ECLASS-12.0	27060311
CTIN     4048879608978       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Dereting voltage DC (UL-listed)     30 V       Device protection   Electrical     4 A       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (EC 60664-1)     1       Mechanical data   Material data     Material group (EC 60664-1)       Material proup (EC 60664-1)     1       Mochanical data   Mounting data     1       Doperating temperature mix.     25 °C <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply     I25 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating operating oper contact max.     4 A       Device protection   Electrical     4 A       Device protection   Electrical     3       Material group (EC 60664-1)     1       Material proup (EC 60664-1)     1       Material flousing     PUR       Locking material     Staines steel 1.4305 (V2A)       Methanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Deviating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition protection     Electrical condition temperature max.       Color     25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Cotoremity     Eleveleter (Eleveleter) <td>GTIN</td> <td>4048879608978</td>	GTIN	4048879608978
Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contat max.     4 A       Device protection   Electrical     Internet operating per contat max.       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Material protection and the screwed.       Material roup (IEC 60664-1)     1       Mechanical data   Material data     Material housing       PUR     Inserted, screwed, Shaking protection       Locking material     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     Stainless steel 1.4305 (V2A)       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Climatic       Additional condition temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Co	Packaging unit	1
Operating voltage DC max.     125 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     4 A       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Material group (IEC 60664-1)       Material group (IEC 60664-1)     1       Mechanical data   Material data     Material flowsing       PUR     Stainless steel 1.4305 (V2A)       Mechanical data   Mouning data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature mix.       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Environmental characteristics   Climatic       Product standard     225       Cable forpe     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable intype	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical	Operating voltage AC max.	125 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical	Operating voltage DC max.	125 V
Current operating per contact max.     4 A       Device protection   Electrical     inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     Image: Contact max.       Material group (IEC 60664-1)     I       Material data   Material data     Image: Contact max.       Material housing     PUR       Locking material     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     Image: Contact max.       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Condition temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Environmental characteristics   Climatic       Product standard     DIN EN 61076-2-101 (M12)       Cable fuppe     2 (PUR/PVC)       Approval (cable)     UL (AVM-Style 20549/1731), CSA; CE conform       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AVM-Style 20549/1731), CSA; CE conform	Operating voltage AC (UL-listed)	30 V
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     I       Meterial proup (IEC 60664-1)     I       Meterial housing     PUR       Locking material     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     Isserted, screwed, Shaking protection       Environmental characteristics   Climatic     Isserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable identification     225       Cable identification     225       Cable identification     225       Cable identification     427 × 8 g       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     54.78 g       Material w	Operating voltage DC (UL-listed)	30 V
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Meterial group (IEC 60664-1)     I       Meterial data   Material data     Material data       Material housing     PUR       Locking material     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     S* C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Conformity     IN EN 61076-2-101 (M12)       Product standard     DIN EN 61076-2-101 (M12)       Cable     Zes       Cable identification     225       Cable identification     2478 g       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     54,78 g       Resistor (core)     max. 57 Ω/km (20 °C)	Current operating per contact max.	4 A
Pollution Degree   3     Material group (IEC 60664-1)   I     Mechanical data   Material data   Material nousing   PUR     Material housing   PUR     Locking material   Stainless steel 1.4305 (V2A)     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     Product standard   DIN EN 61076-2-101 (M12)     Cable   225     Cable identification   225     Cable Identification   225     Cable VCO   Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform   Cable weight [g/m]     Cable weight [g/m]   54,78 g     Material wire   Cu wire, bare     Resistor (core)   max. 57 Ω/km (20 °C)	Device protection   Electrical	
Material group (IEC 60664-1)     I       Mechanical data   Material data     PUR       Material housing     PUR       Material housing     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     inserted, screwed, Shaking protection       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     225       Cable identification     225       Cable forping     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)	Additional condition protection degree	inserted, screwed
Mechanical data   Material data     PUR       Locking material     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     UNEN 61076-2-101 (M12)       Product standard     225       Cable identification     225       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	Pollution Degree	3
Material housing     PUR       Locking material     Stainless steel 1.4305 (V2A)       Mechanical data   Mounting data     -       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     -       Product standard     DIN EN 61076-2-101 (M12)       Cable identification     225       Cable identification     225       Cable identification     225       Cable weight [g/m]     54.78 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Ω/km (20 °C)	Material group (IEC 60664-1)	I
Locking material   Stainless steel 1.4305 (V2A)     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)     Cable identification   225     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)	Mechanical data   Material data	
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     UN EN 61076-2-101 (M12)       Product standard     DIN EN 61076-2-101 (M12)       Cable identification     225       Cable Identification     225       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)	Material housing	PUR
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     UN EN 61076-2-101 (M12)       Product standard     DIN EN 61076-2-101 (M12)       Cable     225       Cable identification     225       Cable Identification     225       Cable Yppe     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     54,78 g       Resistor (core)     max. 57 Ω/km (20 °C)	Locking material	Stainless steel 1.4305 (V2A)
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   depending on cable quality     Product standard   DIN EN 61076-2-101 (M12)     Cable   225     Cable identification   225     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)	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-101 (M12)Product standardDIN EN 61076-2-101 (M12)Cable225Cable identification225Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]54,78 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-101 (M12)Product standardDIN EN 61076-2-101 (M12)Cable225Cable identification225Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]54,78 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)	Environmental characteristics   Climatic	
Operating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-101 (M12)Product standardDIN EN 61076-2-101 (M12)Cable225Cable identification225Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]54,78 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)	Operating temperature min	-25 °C
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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)		225
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)		
Cable weight [g/m]   54,78 g     Material wire   Cu wire, bare     Resistor (core)   max. 57 Ω/km (20 °C)		
Material wire Cu wire, bare   Resistor (core) max. 57 Ω/km (20 °C)		
Resistor (core) max. 57 Ω/km (20 °C)		-
Single wire b (core) U.1 mm		
	Single wire Ø (core)	U.I mm

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

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Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 0.34 mm <sup>2</sup>
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
Wire-Ø incl. isolation	1.25 mm ±5%
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	gray
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/s <sup>2</sup>

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