

## M12 male 0° A-cod. with cable V4A

PUR 4x0.34 bk UL/CSA 5m

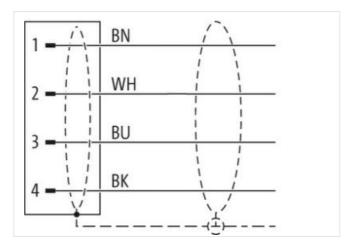
## **▲ NOTICE ▲** PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

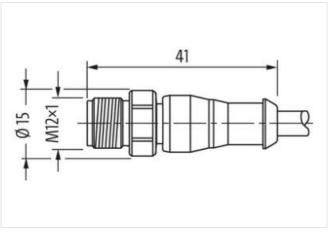
Male straight M12, 4-pole Stainless steel 1.4404 (V4A) Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

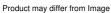
## Link to Product

Illustration

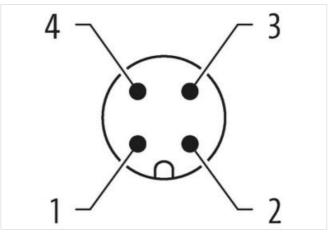












The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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ECLASS-12.0       27060311         ETIM-5.0       EC001855         oustoms taiff number       85444290         GTIM       4048879111256         Packaging unit       1         Electrical data [Supply          Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC (Li-listed)       30 V         Current operating per contact max.       4 A         Device protection   Electrical          Poliution Degree       3         Rated surge voltage DC (Li-listed)       30 V         Current operating voltage PC (Li-listed)       30 V         Device protection   Electrical          Material group (EC 60664-1)       1         Material droup (EC 60664-1)       1         Conting (EC 60664-1)       1         Develop material       Stainless stel 1.4404 (V4A)         Material droup (EC 60664-1)	Cable length	5 m
Funity construction form       M12         Thread       M12 × 1         caluable for compared tube (nternal 0)       10 mm         Cading       A         Work arous fills       SW13         Degree of protection (EN EC 90529)       PES, IPSRC, IPS7         Commercial data       27279218         ECLASS 6.0       27279218         ECLASS 6.1       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       2706031         ECLASS 6.0       2706031         ECLASS 7.0       27070218         Devision grading value AC max.       260 V         Operating value AC max.       260 V         Operating value AC (UL-Raleed)       30 V         Operating value AC (UL-Raleed)       30 V         Operating value AC	Side 1	
Funity construction form       M12         Thread       M12 × 1         caluable for compared tube (nternal 0)       10 mm         Cading       A         Work arous fills       SW13         Degree of protection (EN EC 90529)       PES, IPSRC, IPS7         Commercial data       27279218         ECLASS 6.0       27279218         ECLASS 6.1       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       2706031         ECLASS 6.0       2706031         ECLASS 7.0       27070218         Devision grading value AC max.       260 V         Operating value AC max.       260 V         Operating value AC (UL-Raleed)       30 V         Operating value AC (UL-Raleed)       30 V         Operating value AC	Tightening torque	0.6 Nm
Tread       M12 x 1         suitable for corrugated tube (internal 60)       10 mm         Coding       A         With accoss flats       SW13         Degrae of protection (EN EC 50250)       IP65, IP66K, IP67         Commercial data       27279218         ECLASS-6.0       27279218         ECLASS-7.0       272600311         ECLASS-7.0       27060311         ECLASS-7.0       27060311         ECLASS-7.0       27060311         ECLASS-7.0       27060311         ECLASS-7.0       27060311         ECLASS-7.0       27001855         cacions tallf number       8544290         GTIN       40407311280         Protection Electron       250 V         Operating voltage AC (IIL-161801       30 V         Operating voltage AC (IIL-161801       30 V         Operating voltage AC (IIL-161801       30 V         Opera		
suitable for corrugated tube (internal O)10 mmCodingACodingAWith arcoss fixedSW13Dargue of protection (EN EC 60529)PBS, IP68C, IP67Commercial data27279218ECLASS 6.027279218ECLASS 6.127279218ECLASS 6.027279218ECLASS 6.027279218ECLASS 6.027279218ECLASS 7.02729218ECLASS 7.027080311ECLASS 7.027080311ECLASS 7.127080311ECLASS 7.227080311ECLASS 7.227080311ECLASS 7.227080311ECLASS 7.227080311ECLASS 7.227080311ECLASS 7.227080311ECLASS 7.227091121ECLASS 7.2250 VOperating voltage AC max.2.6Deviand group (ECE 6056-1)1International Actact Status2.6Material group (ECE 60		
Cading       A         With across flats       SW13         Degree of protection (EN EC 95:52)       IPSS, IPS6K, IPS7         Commodial data       27273218         ECLASS 6.0       27273218         ECLASS 7.0       27273218         ECLASS 6.1       27273218         ECLASS 7.0       27060311         ECLASS 7.0       2707031         ECLASS 7.0       2707031         ECLASS 7.0       2707031         Packaging unit       1         Elected data [Suppi       0         Operating voltage AC IUL ILEGØ       0         Operating volt		
Width acoss flas       SW13         Degree of protection (EN IEC 66529)       IP65, IP66K (P67         Commercial dat       ECLASS 5.0         ECLASS 5.0       27278219         ECLASS 5.0       27279219         ECLASS 5.0       27279219         ECLASS 5.0       27279219         ECLASS 5.0       27279219         ECLASS 5.0       272090311         ECLASS 5.0       27060311         ECLASS 5.0       27060311         ECLASS 5.0       27060311         ECLASS 5.0       27060311         ETMA 5.0       EC001855         cataloms taff number       8944200         OTN       4048679111256         Packaging unit       1         Electrical dal Supply       200         Operating voltage AC max.       250 V         Operating voltage AC (Li-Listed)       30 V         Catrent operating per voltage       2.5 NV         Material drus [Listerial data		
Degree of protection (EN IEC 60529)       IP66, IP60K, IP67         Commercial data       ECLASS-6.0       27279218         ECLASS-6.1       27279218       ECLASS-7.0       27279218         ECLASS-7.0       27279218       ECLASS-7.0       27279218         ECLASS-7.0       27260311       ECLASS-7.0       27060311         ECLASS-7.0       27060311       ECLASS-7.0       27060311         ECLASS-7.0       27060311       ECLASS-7.0       ECLASS-7.0         ECLASS-7.0       27060311       ECLASS-7.0       ECLASS-7.0         ECLASS-7.0       ECO00155       ECO0155       ECO0155         cautoms tartfl number       65444200       ECO0100000000000000000000000000000000000	-	
Commercial data         ECLASS 6.0       27279216         ECLASS 6.1       27279216         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27000311         ECLASS 5.10.1       27000311         ECLASS 5.10.1       27000311         ECLASS 5.10.1       27000311         ECLASS 5.12.0       250.12         Operating voltage CO Emax.       250.12         Operating voltage CO Emax.       250.12         Operating voltage CO CUL-listed       30.12         Entericat Cat I Storpto       30.12         Entericat Cat I Storpto       31.42<	Degree of protection (EN IEC 60529)	
ECLASS-6.1       27278218         ECLASS-7.0       27278218         ECLASS-7.0       27278218         ECLASS-8.0       27278218         ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-13.0       EC001855         catoms traff number       65444290         GTIN       4048379111256         Packaging unit       1         Electrical data I Supply       Comparing voltage AC max.         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating top ac AC (UL-listed)       30 V         Current operating voltage AC (UL-listed)		
ECLASS-6.1       27278218         ECLASS-7.0       27278218         ECLASS-7.0       27278218         ECLASS-8.0       27278218         ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-13.0       EC001855         catoms traff number       65444290         GTIN       4048379111256         Packaging unit       1         Electrical data I Supply       Comparing voltage AC max.         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating top ac AC (UL-listed)       30 V         Current operating voltage AC (UL-listed)	ECLASS-6.0	27279218
EQLASS-7.0       27279218         EQLASS-8.0       27279218         EQLASS-8.0       27060311         EQLASS-8.0.1       27060311         EQLASS-8.1.1       27060311         EQLASS-1.0       27060311         EQLASS-1.0       27060311         EQLASS-1.0       27060311         EQLASS-1.0       27060311         ETIM-5.0       EC001855         cataoms taff number       8444290         GTIN       404887911256         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Current operating portoge CUL-listed)       30 V         Current operating portoge CUL-listed)       30 V         Posice protection   Electrical       V         Posice protection   Electrical       V         Posice protection   Electrical data       Image: Standard		
ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-10.0       EC001855         carstmant       85444290         GTIN       404807911256         Packaging unit       1         Electrical data   Supply		
ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ETM-5.0       EC001855         outsoms tartiff number       8544290         GTIN       404879111256         Packaging unit       1         Electrical data [Supply       Deperating voltage AC max.         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC (UL listed)       30 V         Operating voltage AC (UL listed)       30 V         Operating voltage AC (UL listed)       30 V         Current operating collega BC (UL-listed)       30 V         Current operating voltage DC (UL-listed)       30 V         Retid augroup (EC 60664-1)       1         Material group (EC 60664-1)       1         Material group (EC 60664-1)       1         Material outsing data       Isarlees seteel 1.4404 (V4A)         Mechanical data   Mounting data       Isarlees seteel 1.4404 (V4A)		
ECLASS-10.1       27660311         ECLASS-12.0       27600311         ECLASS-12.0       27600311         ETIM-5.0       EC001855         customs tarilf number       85444290         GTIN       404827911256         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating oper constat max.       4 A         Evéce protection   Electrical       2.5 kV         Material group (EC 60664-1)       1         Material droup (EC 60664-1)       1         Material dussing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       Isarles steel 1.4404 (V4A)         Mechanical data   foounting data       Stainless steel 1.4404 (V4A)         Mounting method       Inserted, screwed, Shaking protection         Environnumetal characteristics [Climatic </td <td></td> <td></td>		
ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ETMA-5.0       EC001855         customs tariff number       85444290         GTIN       404879111256         Packaging unit       1         Electrical del Supply       Electrical del Supply         Operatiny voltage AC max.       250 V         Operatiny voltage AC (LL-listed)       30 V         Operatiny voltage AC (LL-listed)       30 V         Operatiny roltage AC (LL-listed)       30 V         Current operating per contact max.       4 A         Device protection   Electrical       Material routaging per contact max.         Packag aurge voltage       2,5 KV         Material group (EC 60664-1)       1         Mechanical data   Material data       Stainless steel 1.4404 (V4A)         Mechanical data   Material dat		
ECLASS-12.0       27060311         ETM-5.0       EC001855         oustoms tariff number       8544290         GTIN       4048879111256         Packaging unit       1         Electrical data   Supply          Operating voltage Cmax.       250 V         Operating voltage Cmax.       250 V         Operating voltage Cmax.       250 V         Operating voltage CML-listed)       30 V         Current operating per contat max.       4 A         Device protection   Electrical          Polution Degree       3         Rated surg voltage       2,5 kV         Material drose          Polutice foo664-1)       1         Material drose          Material drose          Material drose          Pole protection   Electrical          Material drose          Material drose          Device protection gene       3         Rated surg voltage       PLR         Locking material       Isianless steel 1.4404 (V4A)         Material drose       Isianless steel 1.4404 (V4A)	ECLASS-11.1	
ETIM-s.0       EC001855         customs taiff number       85444290         GTIM       4048879111256         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Current operating argo rice Context max.       4 A         Pollution Degree       3         Rated surge voltage       2.5 KV         Material housing       PUR         Locking material       Stainlees steel 1.4404 (V4A)         Material Mounting data       Isinlees steel 1.4404 (V4A)         Mounting method       is	ECLASS-12.0	
cuistoms tariff number       85444290         GTIN       4048879111256         Packaging unit       1         Electrical data   Supply       Electrical data   Supply         Operating voltage AC max.       250 V         Operating voltage AC (UL-Isled)       30 V         Operating voltage DC (UL-Isled)       30 V         Operating voltage DC (UL-Isled)       30 V         Operating ovoltage DC (UL-Isled)       30 V         Operating ovoltage DC (UL-Isled)       30 V         Operating ovoltage DC (UL-Isled)       30 V         Device protection   Electrical       Feade surge voltage         Pollution Degree       3         Rated surge voltage       2.5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data		
Packaging unit       1         Electrical data   Supply       250 V         Operating voltage AC max.       250 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       0         Pollution Degree       3         Rated surge voltage       2.5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Material group (IEC 60664-1)         Material group (IEC 60664-1)       I         Mechanical data   Mounting data       Stainless sitel 1.4404 (V4A)         Mechanical data   Mounting data       Stainless sitel 1.4404 (V4A)         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Contormity       25 °C         Operating temperature min.       62 °C         Catleting temperature min.       25 °C         Operating temperature max.       85 °C <td>customs tariff number</td> <td>85444290</td>	customs tariff number	85444290
Electrical data   Supply         Operating voltage AC max.       250 V         Operating voltage AC max.       250 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)       4 A         Device protection   Electrical       4 A         Device protection   Electrical       2,5 kV         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Material fouge (IEC 60664-1)       1         Material mousing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Material rounding method       iserted, screwed, Shaking protection         Environmental characteristics   Climatic       Commental characteristics   Climatic         Operating temperature max.       45 °C         Operating temperature max.       85 °C         Additional condition temperature range	GTIN	4048879111256
Electrical data   Supply         Operating voltage AC max.       250 V         Operating voltage AC max.       250 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)       4 A         Device protection   Electrical       4 A         Device protection   Electrical       2,5 kV         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Material fouge (IEC 60664-1)       1         Material mousing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Material rounding method       iserted, screwed, Shaking protection         Environmental characteristics   Climatic       Commental characteristics   Climatic         Operating temperature max.       45 °C         Operating temperature max.       85 °C         Additional condition temperature range	Packaging unit	1
Operating voltage DC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating por contact max.       4 A         Device protection   Electrical          Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data         Material group (IEC 60664-1)       1         Mechanical data   Material data         Material group (IEC 60664-1)       1         Mechanical data   Moutring data         Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °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       624         Cable forpipe	Electrical data   Supply	
Operating voltage DC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating por contact max.       4 A         Device protection   Electrical          Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data         Material group (IEC 60664-1)       1         Mechanical data   Material data         Material group (IEC 60664-1)       1         Mechanical data   Moutring data         Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °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       624         Cable forpipe	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         Device protection   Electrical         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Material group (IEC 60664-1)         Material group (IEC 60664-1)       I         Mechanical data   Material data       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Cock         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       Environmental characteristics   Climatic         Product standard       DIN EN 61076-2-101 (M12)         Cable       EA         Cable identification       624         Cable identification       624         Cable Type       2 (PUR/PVC)         Approval (c		
Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Device protection   Electrical          Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data          Material nousing       PUR         Locking material       Stainless steel 1.4404 (V4A)         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)         Cable identification       624		
Current operating per contact max.   4 A     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: main section (State State Stat		30 V
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       V         Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Colorenting temperature min.         -25 °C       Operating temperature max.         Additional condition temperature range       depending on cable quality         Conformity       V         Product standard       DIN EN 61076-2-101 (M12)         Cable       24 (PUR/PVC)         Approval (cable)       2 (PUR/PVC)         Approval (cable)       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       42.68 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)		4 A
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       inserted, screwed, Shaking protection         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         Conformity       UN EN 61076-2-101 (M12)         Cable       Cable identification         Cable identification       624         Cable rype       2 (PUR/PVC)         Approval (cable)       UL (AVM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       42,68 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       Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)       Material hounting data         Mounting method       inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature range         Additional condition temperature range       depending on cable quality         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Cable       Cable identification       624         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       42.68 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)	Pollution Degree	3
Material group (IEC 60664-1)       I         Mechanical data   Material data       Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)       Material hounting data         Mounting method       inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature range         Additional condition temperature range       depending on cable quality         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Cable       Cable identification       624         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       42.68 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)		2,5 kV
Material housing       PUR         Locking material       Stainless steel 1.4404 (V4A)         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Furionmental 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       V         Product standard       DIN EN 61076-2-101 (M12)         Cable       V         Cable identification       624         Cable IVpP       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       42,68 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)	Material group (IEC 60664-1)	
Locking material     Stainless steel 1.4404 (V4A)       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)     Cable       Cable identification     624       Cable identification     624       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     42.68 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Ω/km (20 °C)	Mechanical data   Material data	
Locking material     Stainless steel 1.4404 (V4A)       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)     Cable       Cable identification     624       Cable identification     624       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     42.68 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Ω/km (20 °C)	Material housing	PUR
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       2         Cable identification       624         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       42,68 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)	-	
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     Cable identification       Cable identification     624       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     42,68 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Ω/km (20 °C)		
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Operating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-101 (M12)Product standardDIN EN 61076-2-101 (M12)CableCableCable identification624Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]42,68 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)	Environmental characteristics   Climatic	
Additional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification624Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]42,68 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)	Operating temperature min.	-25 °C
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Cable weight [g/m]       42,68 g         Material wire       Cu wire, bare         Resistor (core)       max. 57 Ω/km (20 °C)		UL (AWM-Style 20549/1731), CSA; CE conform
Resistor (core) max. 57 Ω/km (20 °C)	Cable weight [g/m]	42,68 g
	Material wire	Cu wire, bare
Single wire Ø (core) 0.1 mm	Resistor (core)	max. 57 Ω/km (20 °C)
	Single wire Ø (core)	0.1 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: 2024-05-19

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Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	4× 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
Stranding combination	4 wires twisted
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)	4.6 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/s <sup>2</sup>

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