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## Y-Distributor M12 male / M12 female 90° A-cod.

PUR 3x0.34 gy UL/CSA 3m

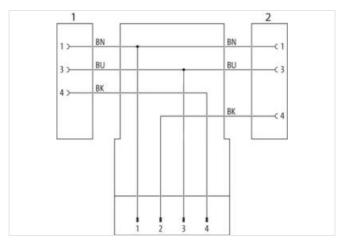
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

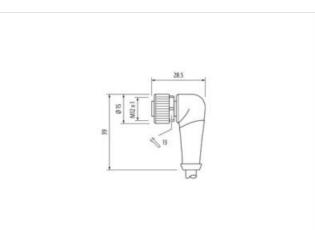
Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

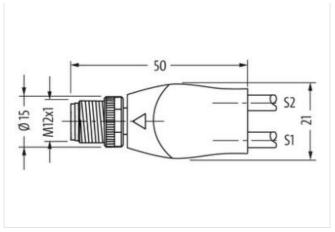


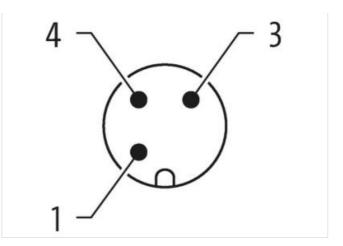




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-17







Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	

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: 2024-05-17



CALASA.1.       2/27/0218         CCLASA.5.1.       2/27/0218         CCLASA.5.0.       2727/0218         CCLASA.5.0.       2727/0218         CCLASA.5.0.       2727/0218         CCLASA.5.0.       2709/0313         CCLASA.5.0.       2709/0313         CCLASA.5.1.1.       2709/0313         CCLASA.5.1.2.0       250 V         Correnting vallage DC max.       250 V         Correnting vallage CLULEARD       30 V         Current oparing vallage DC full.       4.4         Device protection IEdeoffical       4.4         Device protection IEdeoffical       4.4         Device protection IEdeoffical       4.4         Device protection IEdeoffical <td< th=""><th>ECLASS-6.0</th><th>27279218</th></td<>	ECLASS-6.0	27279218
ECA.8S 7.0       22729210         EGA.8S 8.0       22729210         EGA.8S 8.0       27660313         EGA.8S 8.10.1       27660313         EGA.8S 8.10.1       27660313         EGA.8S 8.10.2       27660313         EGA.8S 8.10.1       27600313         EGA.8S 8.10.1       27600313         EGA.8S 8.10.1       27600313         EGA.8S 8.10.1       266041         EGA.850.1       1         EGA.850.1       1         Eda.850.1       1         Eda.8		27279218
ECA.SS 8.0       2278210         ECA.SS 8.0       27000313         ECA.SS 9.0       27000313         ECA.SS 9.1       27000313         ECA.SS 9.1       27000313         ECA.SS 9.1       27000313         ECM.SS 9.2       27000313         ETM.5.0       E0001855         outsoms faith number       8544290         GTM       404979156455         Packagin unit       1         Electrical data [Supp)       Corrent operating voltage AC max.         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage CC CLU.Isted)       30 V         Corrent operating voltage AC limax.       4 A         Diagnostic       -         Status Indication LD       no         Installation [Connection       Mile X 1         Device protection [Electrical       -         Additional condition protection degree       3         Palation upge voltage       2 S kV         Minetal group [Ele 6064-1)       1         Mechanical data [Material data       FMA         Coating to timp       nicke plated         Material gaskef<		
ECA.SS 9.0       2700013         EGA.SS 10.1       27000313         EGA.SS 11.1       27000313         EGA.SS 12.0       27000313         EGA.SS 51.2.0       25000313         EGA.SS 51.2.0       250001         Perading voltage AC max.       250 V         Operating voltage AC (UL:IdeAd)       30 V         Advice protocol In IEdextriceI       AC (UL:IdeAd)         Advice protocol In IEdextriceI (Stringed)       4.4 A         Device protocol		
ECLASS:10.1       27080313         ECLASS:12.0       27000313         ETMA:5.0       EC001855         Catabase 12.0       27000313         Edicatical Stappiy       Edicatical Stappiy         Operating voltage AC max.       250 V         Operating voltage AC (UL-field)       30 V         Operating voltage AC (UL-field)       10         Batel Actabatical AC (UL-field)       10         Additional condition protection degree       3         Falade arup (ULEC 0064-1)		
ECLASS-11.1       27060313         ECLASS-12.0       27060313         ECLASS-12.0       ECO01865         Castoms Staff number       8544290         GTIN       4048479156456         Packaging unit       1         Electrical data   Supply       V         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage DC max.       250 V         Operating voltage DC local.       30 V         Carrent Operating voltage DC local.       4 A         Diagnostics       V         Status indication LED       no         Institution (Connection       V////////////////////////////////////		
ETIM 6.0       EC001895         cattors tariff rumber       85444290         GTIN       404827955455         Packaging unit       1         Electrical data [Supply       Coperating voltage AC max.         Operating voltage AC max.       250 V         Operating voltage CO max.       250 V         Operating voltage CO (LI-Listed)       30 V         Carrent operating voltage CO (LI-Listed)       30 V         Carrent operating per contact max.       4 A         Diagnostics       Status indication LED         Status indication LED       no         Mouting set       M12 x 1         Davice protection   Electrical       Additional conting         Additional conting       isartard, screwad         Polution Degree       3         Rate agree voltage       2,5 KV         Material group (ECE 60664-1)       I         Ma		
austoms tariff number       68444290         GTN       4048679156455         Packanjan junit       1         Electrical data   Supply       Perstanja voltage AC max.         Operating voltage BC max.       250 V         Operating voltage BC max.       4 A         Dagno stics       Image BC (UL-listed)         Status indication LED       no         Imataliation (Concetion       Image BC (UL-listed)         Mounting set       M12 x 1         Device protection   Electrical       Image BC (UL-listed)         Additional condition protection diagree       3         Rated surge voltage       2.5 KV         Material group (Eco 6664-1)       Inc. Material group (Eco 6664-1)         Material group (Eco 6664-1)       Inc. Material group (Eco 6664-1)         Material grave voltage       7.5 KV         Material grave voltage       7.6 Me-casting         Material grave voltage       8.9 °C         Coating of fittige       nickel plated <t< td=""><td>ECLASS-12.0</td><td>27060313</td></t<>	ECLASS-12.0	27060313
GTN   4048879156455     Packagin unit   1     Electrical Gala   Supply   Coparaling voltage AG max.   250 V     Operating voltage AG max.   250 V     Operating voltage AG max.   250 V     Operating voltage AG (IL-Listed)   30 V     Current operating per contact max.   4 A     Diagnostics   Current operating per contact max.   4 A     Diagnostics   no   Installation (LCD   no     Installation ICD   no   Installation (Connection     Mounting ad   M12 x 1   Device protection [Electrical     Additional contaiton protection digree   inserted, screwed     Pollution Dagree   3     Packaging   2,5 kV     Material group (EC 60664 1)   1     Mechanical data   Material data     Coating of Kiftig   nickle plated     Coating of Kiftig   nickle plated     Material gasket   FKM     Locking mathetial   Ender-sating     Methical data   Mounting data   Ender-sating     Mounting method   inserted,	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply	customs tariff number	85444290
Electrical data   Supply         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         Current operating por contact max.       4 A         Diagnostic       Image: Contact max         Status indication LED       no         Installiation   Connection       Image: Connection   Electrical         Additional condition protection ol electrical       Image: Connection   Electrical         Additional condition protection degree       inserted, screwed         Pallution Degree       3         Rated surge voltage       2.5 VV         Material group (EC 60664-1)       1         Mechanical data   Moterial data       Coating locing in inckel plated         Coating locing in iting       nickel plated         Coating locing in iting       nickel plated         Coating locing in iting       incerted, screwed, Shaking protection         Material gasket       FKM         Coating locin iting data       Zinc die-casting         Material gasket       IS Co         Operating temperature min.       25 °C         Operating temperature	GTIN	4048879156455
Operating voltage AC max.       250 V         Operating voltage AC (IUL-Isited)       30 V         Operating voltage AC (IUL-Isited)       30 V         Current operating per contact max.       4 A         Diagnostics       Intervent operating max.       Intervent operating max.         Additional condition protection of operating inserted, screwed       Intervent operating inserted, screwed         Pollution Degree       3       Intervent operating inserted, screwed         Coating of fitting       inserted, screwed       Intervent operating inserted, screwed         Coating of fitting       <	Packaging unit	1
Operating voltage DC max.       250 V         Operating voltage AC (UL-Isted)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED         Installation   Connection       mo         Installation   Connection       Mouning set         Mouning set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Pollution Degree       3         Rated surge voltage       2.5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fitting         Coating of fitting       mickel plated         Material group (IEC 60664-1)       1         Mechanical data   Material data       Cinc die-casting         Material group (IEC 60664-1)       1         Mechanical data   Material data       Cinc die-casting         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Device protection       Zinc die-casting         Material group (IEC 60664-1)       Zinc die-casting	Electrical data   Supply	
Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostic       Status indication LED       no         Installation I Connection       M12 x 1       Device protection [Electrical         Additional condition protection degree       inserted, screwed       Pollution Degree       3         Rated surge voltage       2,8 kV       Material group (IEC 60664-1)       1         Mechanical data [ Material data       Costing of filing       nickel plated       Material group (IEC 60664-1)       1         Mechanical data [ Material data       Costing of filing       nickel plated       Material group (IEC 60664-1)       1         Mechanical data [ Material data       Costing of filing       nickel plated       Material group (IEC 60664-1)       1         Mechanical data [ Material data       Zinc die-casting       Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting       Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection       Environmental characteristics [ Climatic         Operating temperature min.       -25 ° C       Coperating tempera	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics       Filter of the second secon	Operating voltage DC max.	250 V
Current operating per contact max.       4 A         Diagnostics       Status indication LED       no         Installation I Connection       M12 x 1         Device protection I Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       Rate arge voltage       2,5 kV         Material group (IEC 60664-1)       1       Inserted, screwed       Inserted, screwed         Pollution Degree       3       Rated surge voltage       2,5 kV         Material grace (IEC 60664-1)       1       Inserted, screwed       Inserted, screwed         Coating of fitting       nickel plated       Inserted, screwed       Inserted, screwed         Coating of fitting       nickel plated       Inserted, screwed, Staking protection       Inserted, screwed, Staking protection         Material gasket       FKM       Inserted, screwed, Staking protection       Inserted, screwed, Staking protection         Material gasket       Inserted, screwed, Staking protection       Inserted, screwed, Staking protection       Inserted, screwed, Staking protection         Material gasket       Inserted, screwed, Staking protection       Inserted, screwed, Staking protection       Inserted, Screwed, Staking protection         Environmental characteristics   Climat	Operating voltage AC (UL-listed)	30 V
Diagnostics         Status indication LED       no         Installation I Connection       Mu12 x 1         Device protection I Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1       Mechanical data       Material group (IEC 60664-1)       1         Mechanical data I Material data       Mechanical data       Material group (IEC 60664-1)       1         Coating locking       Nickeled       Mickeled       Mickeled       Mickeled       Mickelia	Operating voltage DC (UL-listed)	30 V
Status indication LED   no     Installation I Connection     Mounting set   M12 x 1     Device protection I Electrical	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       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fitting         Coating of fitting       nickeled         Coating at fitting       nickeled         Coating of fitting       nickeled         Coating of fitting       nickeled         Coating at fitting       nickeled         Coating at fitting       nickeled         Coating at fitting       nickeled         Coating at fitting aconecton       Zinc ecasting	Diagnostics	
Mounting set       M12 x 1         Device protection   Electrical       inserted, screwed         Additional condition protection degree       inserted, screwed         Pallution Degree       3         Rated surge voltage       2,5 kV         Material group (EC 60664-1)       1         Mechanical data   Material data       1         Coating locking       Nickeled         Coating of fitting       nickel plated         Material group (EC 60664-1)       2 nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connecton       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Climatic         Operating temperature man.       45 °C         Note on strain relief       Protect the connectors by suitable mea	Status indication LED	no
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Inserted, screwed         Coating locking       Nickeled         Coating of fitting       nickel plated         Material group (IEC 60664-1)       Zinc die-casting         Material gasket       FKM         Coking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature main.         Operating temperature main.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endinageroid by excessive bending forces.	Installation   Connection	
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on sending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Endertification       Cable identification     2	Mounting set	M12 x 1
Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Nickeled     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     Jinc 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.       Additional condition temperature range     depending on cable quality       Important Installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contormity     Product standard     DIN EN 61076-2-101 (M12)       Cable     Cable identification     223       Cable identification     223       Cable (Jop	Device protection   Electrical	
Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of (Itting       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.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable identification     223	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)     1       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       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       Important installation notes     Note on strain relief       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable     Cable dimification       223     Cable dimification       Cable (Josle)     UL (AWM-Style 20549/1731), CSA; CE conform	Pollution Degree	3
Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted. screwed, Shaking protection         Mounting method       inserted. screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature main.         -25 °C       Operating temperature max.         0perating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Cable       223       Cable identification       223         Cable (Gable)       UL (AWM-Style 20549/1731), CSA; CE conform       Approval (cable)	Rated surge voltage	2,5 kV
Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Configure       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Environmental claracter 223       Cable identification     223       Cable (Jppe     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Material group (IEC 60664-1)	1
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       Important installation notes     Mote on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)     Cable       Cable identification     223       Cable identification     223       Cable identification     223       Cable identification     210       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Mechanical data   Material data	
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.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Cable       Zable Type       2 (PUR/PVC)         Cable identification       223         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform	Coating locking	Nickeled
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       Important installation notes     Mote on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)     Cable       Cable identification     223       Cable identification     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Coating of fitting	nickel plated
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Vote on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable     223       Cable identification     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Material gasket	FKM
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       Important installation notes     depending on cable quality       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Cable     223     Cable identification     223       Cable identification     223     Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform     Econform	Locking material	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       Important installation notes     Mounting method       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Cable	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)     Cable       Cable identification     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification223Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conform	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)     Cable       Cable identification     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Cable     Zable identification     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Operating temperature min.	-25 °C
Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification223Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conform	Operating temperature max.	85 °C
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Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     DIN EN 61076-2-101 (M12)       Cable     223       Cable identification     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform	Important installation notes	
Kote on bending radius   endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-101 (M12)     Cable     Cable identification   223     Cable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20549/1731), CSA; CE conform	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12)Cable223Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conform	Note on bending radius	
Cable     Cable identification   223     Cable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20549/1731), CSA; CE conform	Conformity	
Cable identification   223     Cable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20549/1731), CSA; CE conform	Product standard	DIN EN 61076-2-101 (M12)
Cable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20549/1731), CSA; CE conform	Cable	
Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform	Cable identification	223
	Cable Type	2 (PUR/PVC)
Cable weight [g/m] 35,97 g	Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
	Cable weight [g/m]	35,97 g

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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)	3× 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
Stranding combination	3 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)	4.3 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/s²

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