

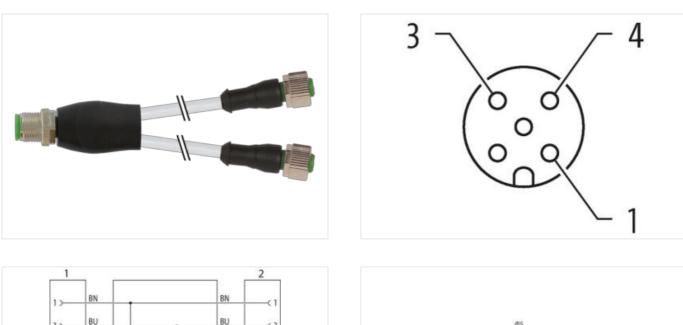
## Y-Distributor M12 male / M12 female 0° A-cod.

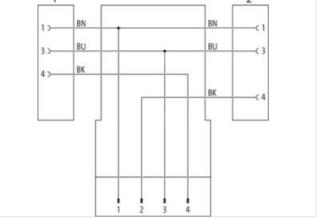
PUR 3x0.34 gy UL/CSA+robot+drag ch. 0.6m

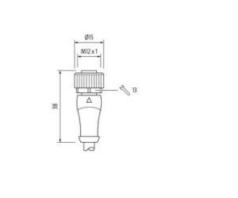
Y-connector M12 – M12, 4/3-pole Zinc die casting, save-cover coated Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your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

## Link to Product



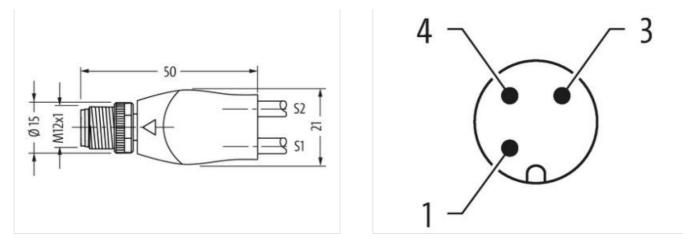






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21





Product may differ from Image



Cable length	0,6 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	

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ECLASS 7.0   27278218     ECLASS 8.0   27270216     ECLASS 8.0   2700303     ECLASS 8.10.   2700303     ECLASS 8.11.   2700303     ECLASS 8.12.0   2700033     ECLASS 8.13   4844250     Carling Car	ECLASS-6.0	27279218
ECLASS 8.0       2792916         ECLASS 9.0       27060311         ECLASS 9.0       27060313         ECLASS 1.1       27060313         ECLASS 1.1       27060313         ETIMS 0       EC001055         actions tarf number       8544200         GTIN       404879417525         Packaging unit       1         Electrical dial Supply       Control of the second of	ECLASS-7.0	27279218
ECLASS 9.0       2960311         ECLASS 1.1       2760313         ECLASS 1.1       2760313         ECLASS 1.2.0       2760313         ECLASS 1.2.0       2760313         ECLASS 1.2.0       2760313         ECLASS 1.2.0       ECOUNDESS         automs thaff number       85444200         GTIM       404879417525         Packaging unit       1         Electrical data [Supply       Coverating voltage AC nut.         Operating voltage AC nut.       260 V         Operating voltage AC nut.       4 A         Diagnostics       Status indication LED         Status indication LED       no         Instantion protection degree       instanted.         Pactage status indication LED       no         Instanted storage voltage       2.5 kV         Material group (EC 6064-1)       1         Material group (EC 6064-1)       1         Material group (EC 6064-1)       1 <t< td=""><td></td><td></td></t<>		
ECLASS:10.1       27660313         ECLASS:12.0       27660313         ETMA.5.0       ECODISS5         audoms term function       85444290         OTM       404879417525         Packaging unit       1         Electrical dial Supply       Contrast         Operating voltage AC DLL-failed)       30 V         Operating voltage DC (LL-failed)       30 V         Installation (Connection       Mill x 1         Device Devection [Electrical       Mill x 1         Additional condition protection degree       a         National appendic Degree       3         Rated appendic Degree       3         Rated appendic Degree       3         Rated appendic Degree       3         Rat		
ECLASS 12.0   27060313     ETMAS.0   ECO01856     cataoms tarff member   65444200     GTN   4048579417525     Packaging unit   1     Electrical data   Supply      Oparating voltage AC max.   250 V     Oparating voltage DC max.   30 V     Current oparating per contact max.   4 A     Diagoettic   10     Basilation I Consolin   Imaterial science     Mounting set   M12 x 1     Device protection   Electrical   Additional consoling on transcent degree     Palution Degree   3     Rated across voltage   2,5 kV     Material across (Colored+1)   I     Mechanical data   Material data   Coaling of filling     Coaling of filling   nick-casing     Material gasket   FKM     Coaling of filling   Zin cdi-casing     Material gasket   RCM <td></td> <td></td>		
ECLASS-12.0   27060313     ETM-8.0   EC001886     castoms tarfit member   85444290     GTIN   4048979417525     Packaging unit   1     Exercical data   Supply      Operating voltage DC max.   250 V     Operating voltage DC max.   4 A     Diagnostics      Status indication LED   no     Mounting set   M12 x 1     Device protection   Electrical     Additional constition   1     Material group (Eco 6064+1)   1 <td>ECLASS-11.1</td> <td>27060313</td>	ECLASS-11.1	27060313
customs tariff number       85444290         GTIN       4048879417526         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage DC max.       250 V         Correction       30 V         Current operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics          Status indication IED       no         Installation   Connection          Mouring set       M12 x 1         Device protection   Electrical          Additional protection degree       inserted, scrowed         Pollutano Dagree       3         Rated stage voltage       2,5 KV         Material gasket       FKM         Coating toking       safe-cover coated         Coating on titting       mickel printed         Material gasket       FKM		
GTIN   4048879417525     Packagin unit   1     Electrical dal Supply   Electrical dal Supply     Oparating voltage AC max.   250 V     Oparating voltage AC (UL-listed)   30 V     Current oparating voltage AC (UL-listed)   30 V     Oparating voltage AC (UL-listed)   30 V     Current oparating per contact max.   4 A     Diagnostic   Image: Contact max.     Status indication LED   no     Installation   Connection   Max 1     Device protection   Electrical   Image: Contact max.     Device protection l electrical   Image: Contact max.     Pollution Dagree   3     Pollution Dagree   3     Coarting locting   image: Contact max.     Coarting locting   safe-cover coated     Coarting locting and image: Cover coated   Coarting locting     Coarting locting and and appet in the connectors by suitable measures from mechanical locads, e.g. by the usage of cable inter     Material protection and data   Image: Cover coated     Coarting locting and appet in the connectors by suitable measures from mechanical locads, e.g. by the usage of cable intes.     Locking material   <	ETIM-5.0	EC001855
Packaging unit   1     Electrical datal Supply   250 V     Operating voltage AC max.   250 V     Operating voltage AC max.   250 V     Operating voltage AC (IL-Isleed)   30 V     Operating voltage AC (IL-Isleed)   30 V     Operating voltage AC (IL-Isleed)   30 V     Current operating per contact max.   4 A     Diagnostics   1     Status indication IED   no     Installation IC Connection   1     Mounting set   M12 x 1     Device protection I Electrical   4     Additional condition protection degree   insorted. scrowed     Polution Degree   3     Rated surge voltage   2.5 kV     Madrial group (IEC 06084-1)   1     Mechanical data I Meterial data   1     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material gasket   FKM     Mounting method   inserted, scrowed, Shaking protection     Evertomental Characteristics [Climatic Componenture may   45 °C     Operating voltage AC (IL-Isleed)   Genewad, Shaking protection     Evertomental characteristics [Climatic Componenture may   45 °C     Operating represerture min.   45 °C <tr< td=""><td>customs tariff number</td><td>85444290</td></tr<>	customs tariff number	85444290
Electrical data   Supply         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 per contact max.       4 A         Diagnostics       Image: Contact max.         Status indication LED       no         Installation   Connection       M12 X 1         Device protection   Electrical       Poliation Degree         Additional condition protection degree       inserted, screwed         Poliation Degree       3         Rated surge voltage       2,5 kv         Material group (EC 60664-1)       1         Mechanical data   Material data       Coading of thing         Coading of thing       nickel plated         Material group (EC 60664-1)       1         Mechanical data   Material data       Coading of thing         Coading of thing       nickel plated         Material gasket       FRM         Looking material       Zine die-casing         Mechanical data   Mounting data       Insertod, screwed, Shaking protection         Depreting temperature main.       -25 °C	GTIN	4048879417525
Operating voltage AC max.       250 V         Operating voltage AC (LL-listed)       30 V         Operating voltage AC (LL-listed)       30 V         Operating voltage AC (LL-listed)       30 V         Current operating per context max.       4 A         Diagnostics       Installation LD         Status indication LD       no         Installation I (Connection       Mounting set         Mounting set       M12 x 1         Device protoction I electrical       Additional condition protection degree         Additional condition protection degree       3         Patted surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Meterial group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Material group (IEC 60664-	Packaging unit	1
Operating voltage DC max.       250 V         Operating voltage AC (UL-isted)       30 V         Operating voltage AC (UL-isted)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED         Status indication Connection       mo         Mounting set       M12 x 1         Device protection [Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         Coating locking       safe-cover coated         Coating locking       safe-cover coated         Coating locking       roc die-casting         Material gasket       FKM         Locking material       Zno die-casting         Material screw connection       Zino die-casting         Material screw connection       Zino die-casting         Material tar Mounting data       Mounting method         Mounting method       Inserted, screwed, Shaking protection         Environmental characteristics   Climat	Electrical data   Supply	
Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED       no         Installation I Connection       Mounting set       M12 x 1         Device protection I Electrical       Additional condition protection degree       3         Additional condition protection degree       3       Reader surge voltage         Pollution Degree       3       Reader surge voltage       2.5 kV         Material group (IEC 60664-1)       1       Mechanical data I Material data       Coating locific and	Operating voltage AC max.	250 V
Operating voitage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostice       no         Installation ICD       no         Installation ICO       no         Installation ICO       Mounting set         Additional contition protection degree       inserted, screwed         Polizion Degree       3         Rated surge voitage       2,5 kV         Material group (IEC 60684-1)       1         Mechanical data [Material data       Mounting and its [Material group (IEC 60684-1)]         Coating locking       safe-cover coated         Coating of fitting       nickel plated         Material gaset       FKM         Locking material       Zinc die-casting         Material gaset       FKM         Locking material       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Cocating of content max.         Qearating temperature min.       -25 °C         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         O	Operating voltage DC max.	250 V
Current operating per contact max.       4 A         Diagnostics       Status indication LED         Status indication LED       no         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data       M12 x 1         Decling locking       sale-cover coated         Coating of fiting       nickel plated         Material group (IEC 60664-1)       1         Mechanical data       Material gasket         FKM       Locking material         Locking material       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         Operatin installation notes       Materion	Operating voltage AC (UL-listed)	30 V
Diagnostics         Status indication LED       no         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       3         Rated surge voltage       2,5 kV       Material group (160 codde)         Material group (160 codde)       1       1         Mechanical data   Material data       Codating of Indiag       nickel plated         Codating of Indiag       nickel plated       MCM         Codating of Indiag       nickel plated       MCM         Codating of Indiag       nickel plated       Material group       Material group         Material gasket       FKM       Locking material       Zine die-casting         Material screw connection       Zine die-casting       Mounting method       inserted, screwed, Shaking protection         Evironmental characteristics   Climatic       Operating temportature min.       -25 °C       Operating temportature min.       -25 °C         Operating temportature min.       -25 °C       Operating temportature min.       -25 °C         Operating temportature min.       -25 °C       Operatin instellation notes       Mounting radius	Operating voltage DC (UL-listed)	30 V
Status indication LED   no     Installation   Connection   Mouning set   M12 x 1     Device protection   Electrical   Electrical   Protection protection degree   inserted, screwed     Pollution Degree   3   Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I   I     Mechanical data   Material data   Coating locking   safe-cover coated     Coating locking   safe-cover coated   Image: Screwed     Coating locking   rickel plated   Image: Screwed     Material gasket   FKM   Image: Screwed     Locking material   Zinc die-casting   Image: Screwed     Mechanical data   Mouning data   Imserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.   85 °C     Operating temperature max.   85 °C   Additional condition temperature range     Mote on strain relief   Protect the connectors by suitable measures from mechanicial loads, e.g. by the	Current operating per contact max.	4 A
Status indication LED   no     Installation   Connection   Mouning set   M12 x 1     Device protection   Electrical   Electrical   Protection protection degree   inserted, screwed     Pollution Degree   3   Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I   I     Mechanical data   Material data   Coating locking   safe-cover coated     Coating locking   safe-cover coated   Image: Screwed     Coating locking   rickel plated   Image: Screwed     Material gasket   FKM   Image: Screwed     Locking material   Zinc die-casting   Image: Screwed     Mechanical data   Mouning data   Imserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.   85 °C     Operating temperature max.   85 °C   Additional condition temperature range     Mote on strain relief   Protect the connectors by suitable measures from mechanicial loads, e.g. by the	Diagnostics	
Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating of fitting         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Material gaster       FKM         Locking material       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Important installation notes         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 strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		no
Mounting set   M12 x 1     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   2.5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: Streme of Streme o		-
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2.5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         Coating locking       safe-cover coated         Coating of fitting       nickel plated         Material gasket       FKM         Locking methal       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be ending radius         Note on bending radius       Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contornity       Inset IP Protect In (M12)         Instellation   Cable       wire arangement         brown, black, blue <td< td=""><td></td><td>M12 x 1</td></td<>		M12 x 1
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     sale-cover coated       Coating locking     nickel plated     Interval data       Coating of fitting     nickel plated     Interval data       Material gasket     FKM     Icoxing material       Locking material     Zinc die-casting     Interval data       Mechanical data   Mounting data     Incerte-casting     Interval data       Mounting method     inserted, screwed, Shaking protection     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.     85 °C       Operating temperature max.     85 °C     Additional condition temperature mage     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.     Installation IC Sole       Product standard     DIN EN 61076-2-101 (M12) <td></td> <td></td>		
Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating foking       Coating foking     safe-cover coated       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zine 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.       00 perating 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.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wrie arrangement       wrie arrangement     brown, black, blue       Cable identification     253       Cab		inserted screwed
Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of Kiting       Safe-cover coated     Coating of Kiting       Coating of Kiting     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 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)       Installation   Cable     wrie arrangement       wrie arrangement     brown, black, blue       Cable identification     253       Cable identification <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)     I       Mechanical data   Material data     Safe-cover coated       Coating locking     safe-cover coated       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 max.       Operating temperature max.     85 °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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Imstallation [Cable       write arrangement     brown, black, blue       Cable identification     253       Cable identification     253       Cable Type     5 <td></td> <td></td>		
Mechanical data   Material data         Coating locking       safe-cover coated         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature main.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       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)         Installation   Cable       brown, black, blue         Cable identification       253         Cable IColor       gray         attern to me       5		
Coating locking     safe-cover coated       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       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 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)       Installation   Cable     wire arangement       wire arangement     brown, black, blue       Cable identification     253       Cable Type     5       Jacket Color     gray		·
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 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)       Installation   Cable     wire arrangement       wire arrangement     brown, black, blue       Cable identification     253       Cable identification     253       Cable Type     5       Jacket Color     gray	Coating locking	safe-cover coated
Material gasket     FKM       Looking 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     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       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement       wire arrangement     brown, black, blue       Cable identification     253       Cable Type     5       Jacket Color     gray		nickel plated
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     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       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     vire arrangement       wire arrangement     brown, black, blue       Cable identification     253       Cable Type     5       Jacket Color     gray		-
Material screw connection     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Monte 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)       Installation   Cable     wire arrangement     brown, black, blue       Cable identification     253     Cable Type       Gable Type     5     Jacket Color     gray		Zinc die-casting
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       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       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     vire arrangement       wire arrangement     brown, black, blue       Cable identification     253       Cable Type     5       Jacket Color     gray		Zinc die-casting
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additonal condition temperature may.     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 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)       Installation   Cable     wire arrangement       wire arrangement     brown, black, blue       Cable identification     253       Cable IType     5       Jacket Color     gray		
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Conformity   endangered by excessive bending forces.     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   brown, black, blue     Cable identification   253     Cable Type   5     Jacket Color   gray	-	
Product standardDIN EN 61076-2-101 (M12)Installation   Cablewire arrangementbrown, black, blueCable identification253Cable Type5Jacket Colorgray	Note on behang radius	
Installation   Cable     wire arrangement   brown, black, blue     Cable identification   253     Cable Type   5     Jacket Color   gray	Conformity	
wire arrangementbrown, black, blueCable identification253Cable Type5Jacket Colorgray	Product standard	DIN EN 61076-2-101 (M12)
Cable identification   253     Cable Type   5     Jacket Color   gray	Installation   Cable	
Cable Type   5     Jacket Color   gray	wire arrangement	brown, black, blue
Jacket Color gray	Cable identification	
	Cable Type	5
Type of Certificate cURus		gray
	Type of Certificate	cURus

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Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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