

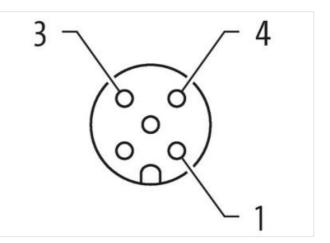
## Y-Distributor M12 male / M12 female 0° A-cod.

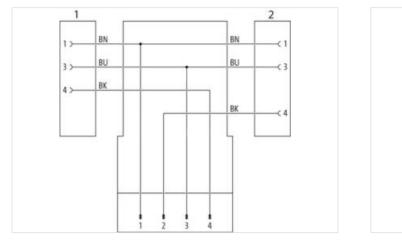
PVC 3x0.34 ye UL/CSA 10m

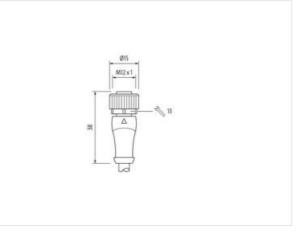
Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.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

## Link to Product



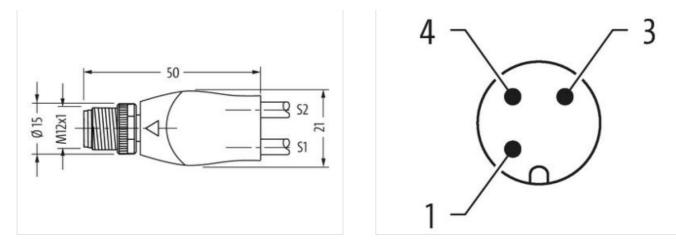






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04





Product may differ from Image



Cable length	10 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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ECA.8S.7.0         2279218           ECI.ASS.8.0         2279218           ECI.ASS.8.0         27060313           ECI.ASS.8.10.1         27060313           ECI.ASS.8.10.2         27060313           ECI.ASS.8.10.2         27060313           ECI.ASS.8.10.2         27060313           ECI.ASS.8.10.2         27060313           ECI.ASS.8.10.2         27060313           ECI.ASS.8.10.3         270702           GTM         404897827002           Preduction datal Supply         -           Operating voltage AC max.         250 V           Operating voltage AC max.         4 A           Deposition voltage AC max.         4 A           Deposition voltage AC max.         4 A           Deposition voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Deposition Supple AC max.         50 V           Operating voltage AC	ECLASS-6.0	27279218
ECLASS 0.0         2000313           ECLASS 10.1         2000313           ECLASS 11.1         2700313           ECLASS 12.0         ECO010555           oadors infl muthor         8444290           OTM         404877827602           Packaging unit         1           Electrical catal Supply	ECLASS-7.0	27279218
ECLASS:10.1         27000313           ECLASS:12.0         27000313           ECLASS:12.0         27000313           ETM.5.0         ECO01855           outsoms tarfi number         8544200           OTN         40482792202           Packaging unit         1           Electrical attal Stappiy         Control tarfit number           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-lated)         30 V           Current operating voltage AC (UL-lated)         30 V           Operating voltage AC (UL-lated)         30 V           Current operating voltage AC (UL-lated)         30 V           Maring acting acting acting acting acting voltage         1           Installation IConnection         Maring acting act	ECLASS-8.0	27279218
ECLASS-11.1         20000313           ECLASS-12.0         20000313           ECLASS-12.0         20000315           ECLASS-12.0         ECO01855           cuators strift rumber         86444200           GTIN         404877927602           Pachaging until         1           Electrical data [Supply         Coperating vertings AC max.           Operating vertings AC max.         250 V           Operating vertings AC LUL-lasted.         30 V           Current operating vertings AC LUL-lasted.         30 V           Operating vertings AC LUL-lasted.         30 V           Current operating vertings AC LUL-lasted.         30 V           Diagnostic         Status indication LED         no           Installator (Connection         Matter operating vertings AC LUL-lasted.         Matter operating vertings AC LUL-lasted.           Device protection [Electrical         AC         AC         AC           Additional condition protection degree         inserted. screwed.         Pather operating vertings AC LUL-lasted.           Pather operating vertings         3.8         AC         AC           Additional condition protection degree         3.8         AC         AC           Pather operating vertings         3.8         AC         AC <td>ECLASS-9.0</td> <td>27060311</td>	ECLASS-9.0	27060311
ECLASP 12.0     27060119       ETM-5.0     EC001855       exatoms tarff number     85444200       GTN     4048573027602       Packarging unit     1       Eterrical data [Supply	ECLASS-10.1	27060313
ETM-5.0         EC0018S5           automs tuff number         8544290           GTIN         4948237002           Packaginy unit         1           Electrical data [Supply         Coperating voltage AC max.           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         30 V           Extrins indication LED         no           Installation I Connection         Morting volt           Morting volt         M12 x 1           Device protection I Electrical         Installation I Connection           Palvian Drotection diagree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Hechaniza data I Material data         Since de-casting           Material gasket         FNM           Coasting of fitting         nickel palated           Material gasket         FNM           Coording temperat	ECLASS-11.1	27060313
austame staff number         65446200           GTIN         4048073927602           Packangin unit         1           Electrical data   Suppiy            Operating voltage AC max.         250 V           Operating voltage DC max.         4 A           Dagnotice            Current operating per contact max.         4 A           Dagnotice            Stalus indication LED         no           Ibsaliation I Connection            Matining set         M12 x 1           Deve protection   Electrical            Additional condition protection degree         3           Rated aurge voltage         2,5 kV           Material group (ECe 50604 1)         I           Material group (ECE 60604 1)         I	ECLASS-12.0	27060313
GTN     4048879327802       Packagin unit     1       Electrical dial Suppy     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 contact max.     4 A       Diagnostics	ETIM-5.0	EC001855
Packaging unit         1           Electrical datal Supply	customs tariff number	85444290
Electrical data   Supply         Coperating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V         Coperating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V         Coperating voltage AC max.         4 A           Diagnostic         UL-listed)         30 V         Coperating voltage AC max.         4 A           Diagnostic         UL-listed)         no         Installion IC Connection         Installion IC Connection           Bounding aet         M12 1         Device protection I Electrical         Installion IC Connection           Device protection I Electrical         Marena         Status indication protection degree         inserted, screwed           Pollution Degree         3         Retact surge voltage         2.5 kV           Material group (IEC 60664-1)         1         Inserted, screwed         Coating of filling         nickel de           Coating of filling         nickel plated         Material group (IEC 60664-1)         Inserted, screwed, Shaking protection         Coating of filling         nickel plated           Material group (IEC 60664-1)         Inserted, screwed, Shaking protection         Coating of filling         nickel plated         Coating of filling         nickel plated         Coating of filling         Nickel plated         Coating of filling <td>GTIN</td> <td>4048879327602</td>	GTIN	4048879327602
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           Diagnostics         no           Status indication LED         no           Installation I Connection         M12 x 1           Devices protection I Electrical         Additional contition protection degree           Additional contition protection degree         3           Rate adurge voltage         2,5 kV           Material group (Electrical         Additional contition protection degree           Follation I Degree         3           Rated surge voltage         2,5 kV           Material group (Electrical         Additional contition protection degree           Coating of fitting         nickele plated           Material group (Electrical         Zinc voltage           Additional contition protection degree         3           Rated surge voltage         2,5 kV           Material group (Electrical         Coating of fitting           Material group (Electrical         Coating of fitting           Material group (Electrical         Coating of fitting           Material group (Electrical         FKM           Lockin	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 per contact max.         4 A           Diagnostics         Italiation (Connection)           Installation   Connection         Italiation   Connection           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 (ICC 60664-1)         1           Hechanical data   Material data         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material soraw connection         Zinc die-casting           Material pareature min.         25 °C           Operating lemperature max.         85 °C           Additional condition tomperature range         depending on cable quality<	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   Connection         M12 x 1         Device protection   Electrical           Additional condition protection degree         inserted, screwed         Pollution Degree         3           Rated surge voltage         2.5 KV         Material group (IEC 80664-1)         I           Mechanical data   Material data         Coating locking         Nickeled         Coating locking         Coating locking         Coating locking         Nickeled         Coating locking         Coating l	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         no           Installation LDD         no           Installation ICOnnection         Mounting set         M12 x 1           Device protection [electrical         Additional condition protoction degree         inserted, screwed           Polution Degree         3         Rate days woltage         2.5 kV           Material group (IEC 60664-1)         I         Mechanical data Material data           Coating locking         Nickeld         Mickeld           Coating of fitting         nickel plated         Material gasket           Material gasket         FKM         Coating of fitting         nickel plated           Material data         Zinc die-casting         Material data         Mechanical data   Mounting data           Mounting method         Inserted, screwed, Shaking protection         Environmental characteristics   Climatic           Operating temperature min.         25 °C         Qearating temperature min.         25 °C           Additional condition temperature max.         85 °C         Qaditional condition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ies.	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, sorewed         Pollution Degree       3         Rated surge voltage       2.5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fiting         Coating of fiting       nickel plated         Coating of fiting       nickel plated         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fiting         Coating of fiting       nickel plated         Material group (IEC 60664-1)       Zinc die-casting         Material group 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.         Operatin installation notes       45 °C         Additional condition temperature mane	Operating voltage AC (UL-listed)	30 V
Diagnostics           Status indication LED         no           Installation I Connection         Installation I Connection           Mouning set         M12 x 1           Device protection I Electrical         Inserted, screwed           Polluton Degree         3           Rated surge voltage         2,5 kV           Material group (106 6066-1)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Material group (106 6066-1)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zine die-casting           Material screw connection         Zine die-casting           Mounting method         inserted, screwed, Shaking protection           Evironmental characteristics   Climatic         Coading of nice plated material data           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 c	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Installation I 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 locking     Nickeled       Coating locking     Streed       Mouting method     inserted, screwed,	Current operating per contact max.	4 A
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)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         Nickeled           Coating of fitting         Nickeled           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmetial characteristics   Glimatic         Coating of thisting temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permiss	Diagnostics	
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollucion Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting         Nickeled           Coating of fitting         Nickel plated         KM           Locking material         Zinc die-casting         Material gasket         FKM           Locking material         Zinc die-casting         Methalis Greew connection         Zinc die-casting           Methalis drew connection         Zinc die-casting         Methalis greew connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection         Environmental characteristics   Climatic           Operating temperature min.         -25 °C         Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality         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 wh	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   Metrial data         Coating 10 kKeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Mechanical data   Mounting data         Inc die-casting           Material serw connection         Zinc die-casting           Material serw connection         Ser Co           Additional condition temperature min.         -25 °C           Operating temperature min.         -25 °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 endinding forces.           Con	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   Metrial data       Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Metralia gerew connection       Zinc die-casting         Metralis grew connection       Zinc die-casting         Metralia grew connection       Zinc die-casting         Metralis freew connectoris by suitable measures from mechanical coating temperature main.       -25 °C         Operating temperature main.       -25 °C         Operating temperature main.       -25 °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	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         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         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 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 endangeed by excessive bending forces.         Conformity       DiN EN 61076-2-101 (M12)         Installation   Cable       Cable Type         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking       Nickeled         Coating locking       Nickeled       Coating locking         Material gasket       FKM       Locking material         Cooking 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 main.         -25 °C       Operating temperature max.         A65 °C       Additional condition temperature max.         A65 °C       Additional condition temperature max.         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       Protect the 00176-2-101 (M12)         Installation   Cable       Cable right on 013         Cable right on 013       Cable right on 013         Cable right on 014       URUNE         Color       yellow	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking       Nickeled         Coating locking       Nickeled plated         Material gasket       FKM         Locking material       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         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 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       Cable identification         Cable identification       013         Cable Type       1         Jaket Color       yellow         Type of Certificate       cuPau	Pollution Degree	3
Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking       Nickeled         Coating locking       Nickeled plated         Material gasket       FKM         Locking material       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         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 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       Cable identification         Cable identification       013         Cable Type       1         Jaket Color       yellow         Type of Certificate       cuPau	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         Incerted, screwed, Shaking protection           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         Installation [Cable           Product standard         DIN EN 61076-2-101 (M12)           Installation [Cable         Cable Type           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus		
Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting data         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.         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       1         Cable identification       013         Cable Color       yellow         Type of Certificate       cURus	Mechanical data   Material data	
Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Material 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         Installation   Cable           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           Cable identification         013           Cable Color         yellow           Type of Certificate         cURus	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       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       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification       013         Cable identification       013       Cable Type         I Jacket Color       yellow       Yellow         Type of Certificate       cURus       cURus	Coating of fitting	nickel plated
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       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       Cable identification       013         Cable identification       113       Cable Type         I Jacket Color       yellow       Type of Certificate	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       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)         Installation   Cable       Cable identification       013         Cable identification       013       Cable Type         Quest Color       yellow       Type of Certificate	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       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         Installation   Cable       UIN EN 61076-2-101 (M12)         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cUIRus	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       Mote 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       Cable identification       013         Cable identification       013       Cable Type         Jacket Color       yellow       yellow         Type of Certificate       cURus	Mechanical data   Mounting data	
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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       013         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	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)         Installation   Cable       Cable identification       013         Cable identification       013       1         Jacket Color       yellow       yellow         Type of Certificate       cURus	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)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	Operating temperature max.	85 °C
Note 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.ConformityInstallation   CableProduct standardDIN EN 61076-2-101 (M12)Installation   Cable013Cable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	Additional condition temperature range	depending on cable quality
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)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	Important installation notes	
endangered by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	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)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	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   Cable       Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	Conformity	
Cable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	Installation   Cable	
Jacket Color     yellow       Type of Certificate     cURus	Cable identification	013
Type of Certificate cURus	Cable Type	1
	Jacket Color	yellow
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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