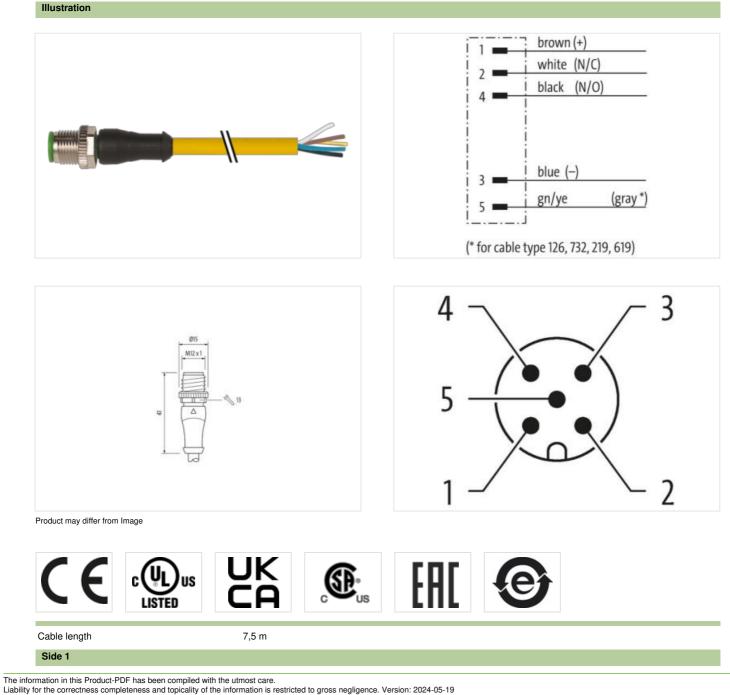


## M12 male 0° A-cod. with cable

PUR 5x0.34 ye UL/CSA+robot+drag ch. 7.5m

Male straight A-coded Zinc die casting, save-cover coated M12, 5-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product



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Fanily conjunction from     M12       Thread     M12 x 1       Unitable for conjungated tube (internit d)     10 mm       Coding     A       Maurial     PUR       Weth access fists     SW13       Degree of protection (EN-IEC 60527)     IP65, IP66K, IP67       Side 2     Strepping fungh (igkaut)     20 mm       Commercial data     22728/18     Strepping fungh (igkaut)     20 mm       Commercial data     22729/18     Strepping fungh (igkaut)     2700011       ECLASS 5.0     22729/18     Strepping fungh (igkaut)     2000011       ECLASS 5.10.     27000011     Strepping fungh (igkaut)     300       Oparating voltage Domax     125 V     Streping fungh	Tightening torque	0,6 Nm
Thread     M12 x 1       suitable for corrugated tube (infernal 60)     N mm       Suitable for corrugated tube (infernal 60)     A       Material     PUR       Workh across flas     SW13       Degree of protection (EN EC 60529)     IFES, IFERK, IFE7       Side 2     S       Side 3     SV13       Septing length (scickt)     20 mm       Commercial data     27279218       ECLASS 6.0     27279218       ECLASS 7.0     27279218       ECLASS 7.0     27090311       Electrici data I Suppi     970	Mounting method	inserted, screwed
salabie for corrugated tube (informal 0) 10 mm Coding A A Marinal PUR Worth accoss flafa 9V13 Degree of protection (EN EC 60529) IP65, IP667, IP67 Stoc 2 Stoc 2 St	Family construction form	M12
Cading     A       Material     PUR       With across fists     SW13       Degree of protection (EN EC 60629)     PES. IP66K, IP67       Side 2        Commercial data     20 mm       Commercial data     22773918       ECLASS-6.0     22773918       ECLASS-6.0     22773918       ECLASS-7.0     22773918       ECLASS-8.0     27690311       ECLASS-8.0     27690311       ECLASS-10.1     27660311       ECLASS-10.2     27690311       ECLASS-10.1     27660311       ECLASS-10.1     27660311       ECLASS-10.1     27660311       ECLASS-10.1     27660311       ECLASS-10.1     27660311       ECLASS-10.1     27660311       ECLASS-10.1     27690311       ECLASS-10.1     27690311       ECLASS-10.1     27690311       ECLASS-10.1     27690311       ECLASS-10.2     27690311       ETM 50     ECOM1955       outsits with number     4544230       GTN     49	Thread	M12 x 1
Material     PUF       Width across flats     SW13       Width across flats     SW13       Stopelers of protection (EN EC 6659)     IPES, IPE6K, IPE7       Stopelers of protection (EN EC 6659)     20 mm       Commercial dista     E       ECLASS 6.0     27278218       ECLASS 7.0     27278218       ECLASS 9.0     27278218       ECLASS 9.0     27000311       ECLASS 9.1     27060311       ECLASS 9.1.1     27060311       ECLASS 9.1.2     27060311       ECLASS 9.1.1     27060311       ECLASS 9.1.1     27060311       ECLASS 9.2     ECONISS5       Caustoms staff number     8544280       GNIN     40487800209       Packaging unit     1       Electrical dial Supply     D       Operating vistage AC max.     125 V	suitable for corrugated tube (internal Ø)	10 mm
Widh across flats     SW13       Degree of protection (EN IEC 60529)     PBS, IP6K/ IP67       Stripping length (jacket)     20 mm       Conneccial dats     E       ECI ASS 6.0     27279218       ECI ASS 7.0     27279218       ECI ASS 8.0     27279218       ECI ASS 8.0     27060311       ECI ASS 7.0     2706031       <	Coding	Α
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Commercial dat       Commercial dat     E       ECLASS 7.0     27279218       ECLASS 7.0     27279218       ECLASS 7.0     2726031       ECLASS 7.0     2706031       ECLASS 7.0     2706031       ECLASS 7.0     2706031       ECLASS 7.0     2706031       ECLASS 7.1     2706031       ECLASS 7.0     E001805       exators 1stiff number     65444290       GTIN     4048873300200       Packaging unit     1       Electrical data [ Suppy        Operating voltage OD Coma.     125 V       Operating voltage OD Coma.     125 V       Operating voltage OD Coma.     130 V       Courrent operating proteotion anno.     4A       Installation [ Concetion     Installed, screwad       Polition Degree     3       Rated surge	Material	PUR
Sile 2       Sinpejn engih (jackel)     20 mn       Commercial data     2279218       ECLASS 5.0     27279218       ECLASS 5.0     27279218       ECLASS 5.0     27209218       ECLASS 5.0     27000311       ECLASS 5.10     27000311       ECLASS 5.10.     27000311       ECLASS 5.10.     27000311       ECLASS 5.12.     2700031       ECLASS 5.12.     2512       Oparating voltage AC (DL. listed)     30 V       Oparating voltage AC (LL. listed)     30 V       Evert event even	Width across flats	SW13
Shipping length (jacket)20 mmCommocial datsECIASS 6.027278/18ECIASS 7.027278/18ECIASS 7.027278/18ECIASS 7.027278/18ECIASS 7.02726031ECIASS 7.027060311ECIASS 7.127060311ECIASS 7.127060311ECIASS 7.227060311ECIASS 7.22707218Pacing voltage Comax125 VOperating voltage Comax125 VOperating voltage DC (UL-Ister)30 VEcies Context Interce30 VContext In protection I Ecics 1112 XDevice protection I Ecics 1125 VMatrial condition protection degree15 VMatrial screw context In the screwedPaled screw context34 Court coat	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data       ECLASS 6.0     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27279218       ECLASS 8.10.1     27060311       ECLASS 8.10.1     27060311       ECLASS 8.12.0     27060311       ECLASS 9.0     27060311       ECLASS 8.12.0     27060311       Eclerical data I Suppy     30 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Curent operating oney coltant max.     4	Side 2	
ECLASS-6.0 27279218   ECLASS-7.0 27279218   ECLASS-8.0 27279218   ECLASS-8.0.1 27060311   ECLASS-8.0.1 27060311   ECLASS-8.0.1 27060311   ECLASS-8.10.1 27060311   ECLASS-11.1 27060311   ECLASS-12.0 27060311   ECLASS-13.1 27060311   ECLASS-14.1 27060311   ECLASS-15.0 EC001855   Ecuations lafil number E544290   GTIN 404897930209   Packagin unit 1   Etericial data   Suppty E   Oparating voltage AC max. 125 V   Oparating voltage AC (UL-listod) 30 V   Current oparating voltage AC (UL-listod) 10 V   Material room (ECOBE4-1) Inserted, screwed   Polition I Concion Inserted, screwed   Polition Decetion I Beacting Inserted, screwed	Stripping length (jacket)	20 mm
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27260311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       customs tarff number     8544290       GTIN     4048873000209       Packaging unit     1       Effectical dtal Suppy     Uperating voltage DC max.       Operating voltage DC max.     125 V	Commercial data	
ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.4     27060311       ECLASS-12.0     27060311       Eclerical data     2707       Eclerical data     Strapping voltage AC (UL-listed)       Operating voltage DC (UL-listed)     30 V       Current operating avoltage DC (UL-listed)     30 V       Mauring areght (isckei)     20 mm       Mauring areght (isckei)     20 mm       Mauring areght (isckei)     20 mm       Materi	ECLASS-6.0	27279218
ECLASS 9.0     27060311       ECLASS 10.1     27060311       ECLASS 11.1     27060311       ECLASS 11.0     27060311       ECLASS 12.0     27060311       ECLASS 11.0     27060311       ECLASS 11.0     27060311       ECLASS 11.0     ECO01855       ecotions tarff number     8544290       GTIN     4048673300209       Packaging unt     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Ratef surge voltage     1,5 kV       Material group (EC 60664-1)     1       Mechanical data   Material data	ECLASS-7.0	27279218
ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM 5.0     EC001855       customs tariff number     85444290       GTIN     4048879300209       Packaging unit     1       Electrical data   Supply     V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Device protecton   Electrical     Material group (Electrical Material Supplice)       Mounting set     M12 x 1       Device protecton   Electrical     Serveed       Pollution Degree     3       Rated aurge voltage     1,5 kV       Material group (EC 60664-1)     1  <	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     404887300209       Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Current operating por contact max.     4 A       Installation   Connection     Inserted, screwed       Policion portection   Electrical Action al condition protection degree     inserted, screwed       Politusion Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Material group (IEC 60664-1)     Incide -casting       Material group (IEC 60664-1)     Incide -casting	ECLASS-9.0	27060311
ECI.ASS-12.0     27060311       ETM-5.0     ECO01855       cuatoms tariff number     8544290       GTIN     4048879300209       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC (UL-listed)     30 V       Current operating page contact max.     4 A       Installation I Connection     E       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Material of Sec womenction     Zinc di	ECLASS-10.1	27060311
ETIM-5.0   EC001855     customs tauff number   85444290     GTIN   4048873300209     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   125 V     Operating voltage C max.   125 V     Operating voltage C (UL-listed)   30 V     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Coating of litting	ECLASS-11.1	27060311
cusions tariff number     85444290       GTIN     4048879300209       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (LI-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection        Stripping length (lacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical        Addition l condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Sine de, screwed, Shaking protection       Envionmental characteristics   Climatic <td>ECLASS-12.0</td> <td>27060311</td>	ECLASS-12.0	27060311
GTIN 4048879300209   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 125 V   Operating voltage AC max. 125 V   Operating voltage AC (UL-listed) 30 V   Operating voltage AC (UL-listed) 30 V   Current operating per contact max. 4 A   Installation   Connection Stripping length (lacket)   Stripping length (lacket) 20 mm   Mounting set M12 x 1   Device protection   Electrical   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Coating of fitting   Coating of fitting nickel plated   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data Ince die-casting   Mechanical data   Mounting data Ince die-casting   Mechanical data   Mounting data Si °C   Operating temperature min. 25 °C   Operating temperature min. 45 °C   Operating temperature min. 45 °C   Additional condition temperature range depending on cable quality	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   125 V     Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Operating orbitage DC (UL-listed)   30 V     Operating orbitage DC (UL-listed)   30 V     Operating orbitage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   V     Stripping length (jacket)   20 mm     Mourting set   M12 x 1     Device protection   Electrical   Accentered     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60684-1)   I     Coating of filing   nickel plated	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   20 mm     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Device protection   Electrical   30 V     Additional condition protection degree   isserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Zinc die-casting     Coating of fiting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristis   Climatic   Sinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristis   Climatic   Sinc die-casting     Oper	GTIN	4048879300209
Operating voltage AC max.   125 V     Operating voltage DC max.   125 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Installation   Connection     Stripping length (lacket)   20 mm     Mounting set   M12 x 1     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1, 5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Zinc die-casting     Coating locking   safe-cover coated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Methanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climattic   Coating of temperature max.     Operating temperature min.   -25 °C </td <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     20 mm       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting       Coating locking     safe-cover coated       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material srew connection     Zinc die-casting       Material srew connection     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating of material       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality <tr< td=""><td>Electrical data   Supply</td><td></td></tr<>	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking       Coating locking     safe-cover coated       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material set Mounting data     Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating voltage AC max.	125 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     20 mm       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       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     Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material condition temperature range	Operating voltage DC max.	125 V
Current operating per contact max.   4 A     Installation   Connection     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   V     Coating locking   safe-cover coated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Methanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   depending on cable quality	Operating voltage AC (UL-listed)	30 V
Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Incele plated       Coating locking     safe-cover coated       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Methanical data   Mounting data     screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating voltage DC (UL-listed)	30 V
Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Inserted, screwed       Coating locking     safe-cover coated       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Current operating per contact max.	4 A
Mounting set   M12 x 1     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   safe-cover coated     Coating locking   safe-cover coated     Coating locking   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   sabe not cable quality	Installation   Connection	
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Metrial group (IEC 60664-1)     I       Coating locking     safe-cover coated       Coating locking     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Metrial screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     I       Operating temperature min.     -2	Stripping length (jacket)	20 mm
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   safe-cover coated     Coating of fitting   nickel plated     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   25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Locking on cable quality	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   safe-cover coated     Coating locking   inckel plated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   I     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   -25 °C	Device protection   Electrical	
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Safe-cover coated     Coating locking   safe-cover coated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Methanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating temperature min.     -25 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Additional condition protection degree	inserted, screwed
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Safe-cover coated     Coating locking   safe-cover coated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Methanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Inserted, screwed, Shaking protection     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Stable quality	Pollution Degree	3
Material group (IEC 60664-1)   I     Mechanical data   Material data   safe-cover coated     Coating locking   safe-cover coated     Coating of fitting   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   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes	Rated surge voltage	1,5 kV
Mechanical data   Material data     Coating locking   safe-cover coated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Locking material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Material group (IEC 60664-1)	
Coating of fitting   nickel plated     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   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
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   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   -25 °C	Coating locking	safe-cover coated
Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Coating of fitting	nickel plated
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	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	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	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   -25 °C	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Important installation notes	Operating temperature min.	
Important installation notes	Operating temperature max.	
		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.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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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	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	055
Cable Type	5
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	41,8 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)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
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	42 0.1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A 60 Ω/km @ 20 °C
Electrical resistance line constant wire	
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min
-	

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