

## M12 female 0° A-cod. with cable

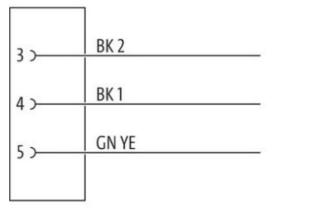
PUR 3x0.75 bk UL/CSA 20m

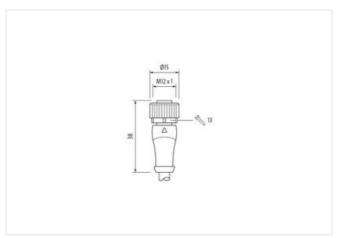
Female straight M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

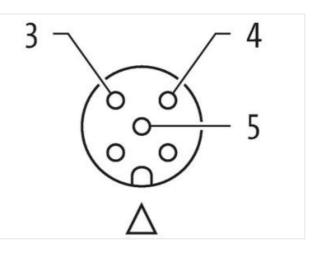
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-04-26

20 m

0,6 Nm

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Family construction form     M12       Thread     M12 x 1       attabile for corrugated tube (nemal 0)     10 mm       Coding     A       Material     PUR       Width acrose flats     SW13       Degree of protection (EN IEC 60528)     IPES, IPE6K, IPE7       Commercial dat     E       ECLASS-6.0     27279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27260311       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-8.0     ECO01985       outstom taiff number     8544290       GTM     404987974436       Packaging unit     1       Electrical disal Supply     Electrical disal Supply       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V <td< th=""><th>Mounting method</th><th>inserted, screwed</th></td<>	Mounting method	inserted, screwed
skitable for corrugated lube (internal 0)     10 mm       Coding     A       Material     PUR       With access flats     SW13       Degree of protection (EN IEC 60559)     IP66, IP67       Commercial dat     27279218       ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 6.0     27760311       ECLASS 5.10.1     27060311       ECLASS 5.10.2     27060311       ECLASS 5.10.3     27060311       ECLASS 5.10.4     27060311       ECLASS 5.10.5     27060311       ECLASS 5.10.7     27060311       ECLASS 5.10.8     20060311       ECLASS 5.10.7     27060311       ECLASS 5.10.8     20060311       ECLASS 5.10.8     27060311       ECLASS 5.10.9     2006031       Marking voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC max. </td <td>-</td> <td></td>	-	
Cading     A       Maturial     PUR       Maturial     PUR       With across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP68K, IP67       Commercial data     E       ECLASS 6.0     27273218       ECLASS 6.1     27273218       ECLASS 7.0     27273218       ECLASS 9.0     27060311       ECLASS 9.0     27060311       ECLASS 1.1     27060311       ECLASS 1.2.0     ECO01685       outstons talff number     8544290       GTM     40489774438       Packaging unit     1       Electrical data Supply     C       Operating voltage AC (ILL-Istech)     30 V	· · · · · · · · · · · · · · · · · · ·	M12 x 1
Cading     A       Maturial     PUR       Maturial     PUR       With across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP68K, IP67       Commercial data     E       ECLASS 6.0     27273218       ECLASS 6.1     27273218       ECLASS 7.0     27273218       ECLASS 9.0     27060311       ECLASS 9.0     27060311       ECLASS 1.1     27060311       ECLASS 1.2.0     ECO01685       outstons talff number     8544290       GTM     40489774438       Packaging unit     1       Electrical data Supply     C       Operating voltage AC (ILL-Istech)     30 V	suitable for corrugated tube (internal Ø)	10 mm
Width across flats     SW13       Dagree of protection (EN IEC 60559)     IP65, IP66K, IP67       Commercial dats     E       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-6.0     27060311       ECLASS-6.1     27060311       ECLASS-1.0     27060311       ECLASS-1.0     27060311       ECLASS-1.0     EC001865       custams tariff number     85444290       GTIN     4048979744836       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC max.     125 V		A
Degree of protection (EN IEC 60529)     IIP65, IP66K, IP67       Commercial data     ECLASS 4.0     27279218       ECLASS 5.1     27279218     ECLASS 5.7.0     27279218       ECLASS 5.0     27279218     ECLASS 5.0     27279218       ECLASS 5.0     27279218     ECLASS 5.0     27279218       ECLASS 5.0.1     27060311     ECLASS 5.0.1     ECLEASS 5.0.1     ECLEASS 5.0.1     ECLEASS 5.0.1	Material	PUR
Commercial data       ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27090311       ECLASS 1.1     27060311       ECLASS 1.2     27079218       GUASS 2.2     27079218       ECLASS 2.2     27079218       ECLASS 2.2     27079218       ECLASS 2.2     27079218       Patis fully 1     1       Eretical datal Supply     25 V       Operating voltage DC max     125 V       Operating voltage DC max     125 V       Operating voltage DC max     125 V       Operating voltage DC max	Width across flats	SW13
ECLASS-6.0     27273218       ECLASS-6.1     27273218       ECLASS-7.0     27273218       ECLASS-6.0     27273218       ECLASS-8.0     2769311       ECLASS-10.1     27060311       ECLASS-10.2     27060311       ECLASS-12.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       Derating voltage DC max.     125 V       Operating voltage DC (UL-listed)     30 V       Current operating rotroantat max.     4 A	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 6.1     27279218       ECLASS 4.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     2729218       ECLASS 8.0     27090311       ECLASS 1.0     27090311       ECLASS 1.1     27060311       ECLASS 1.1.1     27060311       ECLASS 1.2.0     27090311       ECLASS 1.1.1     27060311       ECLASS 1.2.0     27090311       ETM-5.0     EC001855       ousloms taiff number     8544290       GTIN     4049879744836       Packaging unit     1       Electrical data [Supply     Operating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installion I Connection     Mit2 x 1       Device protection [ Electrical Maxima varia var	Commercial data	
ECLASS 6.1     27279218       ECLASS 4.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     2729218       ECLASS 8.0     27090311       ECLASS 1.0     27090311       ECLASS 1.1     27060311       ECLASS 1.1.1     27060311       ECLASS 1.2.0     27090311       ECLASS 1.1.1     27060311       ECLASS 1.2.0     27090311       ETM-5.0     EC001855       ousloms taiff number     8544290       GTIN     4049879744836       Packaging unit     1       Electrical data [Supply     Operating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installion I Connection     Mit2 x 1       Device protection [ Electrical Maxima varia var	ECLASS-6.0	27279218
ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001855       customs taiff number     8544290       GTIN     4049879744936       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     125 V		27279218
ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.0     EC001855       customs tariff number     85444290       GTIN     404887744836       Packaging unit     1       Effected data   Supply	ECLASS-7.0	27279218
ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC011855       customs tariff number     8544290       GTIN     4048879744836       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating per contact max.     4 A       Installation   Connection     Mile 1       Polucion Degree     3       Rated surge voltage AC (UL-listed)     1       Material group (IEC 60664-1)     1       Material group (IEC 60664-1)     1       Material group (IEC 60664-1)     1       Material group (IEC 606664-1)     <	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       oustoms taff number     65444290       GTIN     4048879744836       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Dereting voltage AC (UL-listed)     30 V       Mounting set     M12 x 1       Device protection   Electrical     Person       Pollution Degree     3       Rated surge voltage     2.5 kV       Material sociage     2.5 kV       Material goltage     2.6 kV       Material sociage     Zinc die-casting       Mechanical data   Material data     Zinc die-casting       Material sociage of fitting<	ECLASS-9.0	27060311
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-S.0     EC001855       oustoms taff number     85444290       GTIN     4048879744836       Packaging unit     1       Electrical data   Supply     0       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 voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Mounting set     M12 x 1       Device protection   Electrical     1       Polucion Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60564-1)     1       Mechanical data   Material data     1       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material surge womection     Zinc die-casting       Material surge womecton	ECLASS-10.1	27060311
ETIM-5.0   EC001855     customs tarlif number   85444290     GTIN   4048879744836     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   125 V     Operating voltage AC max.   125 V     Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating per contact max.   4 A     Installation   Connection      Mounting set   M12 x 1     Device protection   Electrical      Pollution Degree   3     Rated surge voltage   2,5 kV     Matrial group (IEC 60664-1)   1     I      Mechanical data   Material data      Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Co-     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional conditin temperature maye		27060311
customs tariff number 85444290   GTIN 4048879744836   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 125 V   Operating voltage DC max. 125 V   Operating voltage AC (LL-listed) 30 V   Operating voltage DC (UL-listed) 30 V   Operating voltage DC (UL-listed) 30 V   Operating port contact max. 4 A   Installation   Connection   Mounting set M12 x 1   Device protection   Electrical   Pollution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data   Coating locking Nickeled   Coating locking Nickeled   Coating locking Nickeled   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature max.   Operating temperature max. 85 °C   Additional condition temperature marge depending on cable quality   Operating temperature max. 85	ECLASS-12.0	27060311
GTIN 4048879744836   Packaging unit 1   Electrical data   Supply Operating voltage AC (max.   Operating voltage AC (max. 125 V   Operating voltage AC (max. 125 V   Operating voltage AC (lu-listed) 30 V   Operating voltage AC (lu-listed) 30 V   Current operating per contact max. 4 A   Installation   Connection Mounting set   Mounting set M12 x 1   Device protection   Electrical   Pollution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Inschel plated 1   Locking material 2 inc die-casting   Material screw connection 2 inc die-casting   Meterial screw conne	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   125 V     Operating voltage C max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage D C (UL-listed)   30 V     Operating voltage D C (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mounting set     Mounting set   M12 x 1     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating locking   Xinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics / Climatic   Operating temperature min.     -25 °C   Operating temperature max.   85 °C     Operating temperature max.   85 °C     Operating temperature max.   85 °C     Additi	customs tariff number	85444290
<b>Electrical data   Supply</b> Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   M12 x 1     Device protection   Electrical   Pollution Degree     Pollution Degree   3     Rated surge voltage   2.5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating locking   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	GTIN	4048879744836
Operating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 AInstallation   ConnectionMul2 x 1Device protection   ElectricalPollution DegreePollution Degree3Rated surge voltage2,5 kVMaterial group (IEC 60664-1)1Installation   Connection1Mechanical data   Material dataCoating lockingNickeledCoating lockingNickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMaterial data   Mounting dataMounting methodMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardProduct standardDIN EN 61076-2-101 (M12)	Packaging unit	1
Operating voltage DC max.   125 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mult x 1     Device protection   Electrical   Pollution Degree     Polution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     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   Co     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard   DIN EN 61076-2-101 (M12)	Electrical data   Supply	
Operating voltage DC max.   125 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mult x 1     Device protection   Electrical   Pollution Degree     Polution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     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   Co     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard   DIN EN 61076-2-101 (M12)	Operating voltage AC 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   Mounting set     Mounting set   M12 x 1     Device protection   Electrical   Pollution Degree     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Meterial screw connection   Zinc die-casting     Meterial screw connection   Zinc die-casting     Meterial screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard		125 V
Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mounting set     Mounting set   M12 x 1     Device protection   Electrical   Pollution Degree     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data     Coating locking   Nickeled     Coating locking   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.     -25 °C   Operating temperature min.     -25 °C   Operating temperature min.     -25 °C   Additional condition temperature range     depending on cable quality   Contomity     Product standard   DIN EN 61076-2-101 (M12)		30 V
Current operating per contact max.   4 A     Installation   Connection     Mounting set   M12 x 1     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Image: Conting Incikel plated     Coating locking   Nickeled     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   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality     Contornity   UN EN 61076-2-101 (M12)		
Mounting set   M12 x 1     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Kickeled     Coating locking   Nickeled     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   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   DIN EN 61076-2-101 (M12)	Current operating per contact max.	4 A
Mounting set   M12 x 1     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Kickeled     Coating locking   Nickeled     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   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   DIN EN 61076-2-101 (M12)	Installation   Connection	
Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Image: Coating protection     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     Conformity   DIN EN 61076-2-101 (M12)		M12 x 1
Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     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   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality     Conformity   PiN EN 61076-2-101 (M12)	Device protection   Electrical	
Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     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   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   DIN EN 61076-2-101 (M12)		3
Material group (IEC 60664-1)   I     Mechanical data   Material data   Vickeled     Coating locking   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     Conformity   DIN EN 61076-2-101 (M12)	-	
Mechanical data   Material data     Coating locking   Nickeled     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 max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)		
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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   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality     Conformity   DIN EN 61076-2-101 (M12)		
Locking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-101 (M12)		
Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     85 °C   Additional condition temperature range     depending on cable quality   Conformity     Product standard   DIN EN 61076-2-101 (M12)		•
Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Pinduct standard   DIN EN 61076-2-101 (M12)		
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)		Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     DIN EN 61076-2-101 (M12)	· · · ·	
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     DIN EN 61076-2-101 (M12)	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Conformity Product standard   DIN EN 61076-2-101 (M12)	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality   Conformity Product standard   DIN EN 61076-2-101 (M12)	Operating temperature min.	-25 °C
Conformity   Product standard DIN EN 61076-2-101 (M12)	Operating temperature max.	85 °C
Product standard DIN EN 61076-2-101 (M12)	Additional condition temperature range	depending on cable quality
	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	Installation   Cable	
Cable identification 626	Cable identification	626
Cable Type 2		
Printing color of wire insulation white (isolation black)		white (isolation black)
Jacket Color black		

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Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	55,33 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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