

## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 0,5m

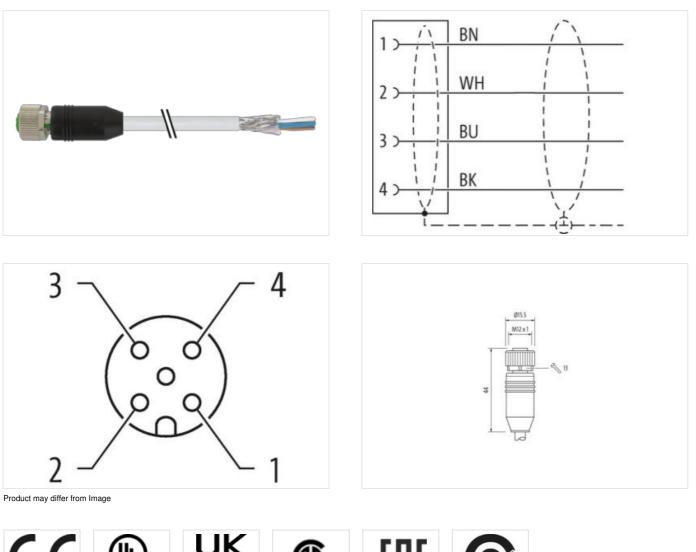
Female straight M12, 4-pole shielded with cable sleeves ▲ NOTICE ▲

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. PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Further cable lengths on request.

## Link to Product

Illustration





The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26

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Coding     A       Material     PUR       Wick access fats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     22729218       ECLASS-6.0     27279218       ECLASS-1.1     27060311       ECLASS-1.1     27060311       ECLASS-1.2.0     ECOMOSIS       Cuudents tariff number     8544220       Garin V     44897560876       Parkaging unit     1       Electrical data [Supply     200       Oparating voltage AC (UL-Ister)     30 V       Oparating voltage AC (UL-Ister)     30 V </th <th>Cable length</th> <th>0,5 m</th>	Cable length	0,5 m
Autoring method     Inserted, sorowed       Family construction form     M12       Framily construction form     M12 × 1       Goding     A       Malarial     PUR       With access find     SW13       Degree of protection (ENTEG 60529)     1P65, IP66, IP67       Commercial dist     ECLASS-6.0       ECLASS-6.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     27050311       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECL	Side 1	
Autoring method     Inserted, sorowed       Family construction form     M12       Framily construction form     M12 × 1       Goding     A       Malarial     PUR       With access find     SW13       Degree of protection (ENTEG 60529)     1P65, IP66, IP67       Commercial dist     ECLASS-6.0       ECLASS-6.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     2727218       ECLASS-7.0     27050311       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECLASS-7.0     2005031       ECL	Tightening torque	0.6 Nm
Family construction form     M12       Thread     M12 x 1       Coding     A       Material     PUR       With arcoss faulds     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS 6.0       ECLASS 6.0     27278218       ECLASS 6.1     27278218       ECLASS 6.0     27278218       ECLASS 6.0     27278218       ECLASS 6.0     27578218       ECLASS 6.1     27578218       ECLASS 6.1     27500311       ECLASS 6.1     27500311       ECLASS 7.0     27560311       ECLASS 7.0     27600311       ECLASS 7.0     2760031       ECLASS 7.0		
Thread     M12 x 1       Cading     A       Memeral     PUR       With across flats     SW13       Degree of potection (FU IE C 0028)     IP65, IP60K, IP67       Commercial data     Commercial data       ECLASS 6.0     27279218       ECLASS 7.0     27260311       ECLASS 7.1     27060311       ECLASS 7.2     27060311       ECLASS 7.1     27060311       ECLASS 7.2     27060311       ECLASS 7.2     27060311       ECLASS 7.1     27060311       ECLASS 7.1     27060311       ECLASS 7.1     1       Edechad 1     0		
Material     PUR       Width across flats     SW13       Degres of protection (EN EC 60529)     IPOS. IPOSK. IPOST       Commercial data     EQLASS 6.0       ECLASS 6.1     27279218       ECLASS 6.1     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27279218       ECLASS 6.0     2727031       ECLASS 6.1     27060311       ECLASS 7.0     27060311       ECLASS 7.1     27060311       ECLASS 7.2     27060311       ECLASS 7.2     27060311       ECLASS 7.2     27060311       ECLASS 7.6     P2063031       ECLASS 7.7     404887508576       Packaging unit     1       Electrical data   Supply     U       Operating voltage AC max.     60 V       Operating voltage AC Cmax.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating period max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     M22 N	Thread	M12 x 1
With across flats     SW13       Degree of protection (EN IEG 6628)     PE6, IF66K, IP67       Commecial data     27279218       ECLASS 5.0     27260311       ECLASS 5.1     27060311       ECLASS 5.1.0     27060311       ECLASS 5.0     ECOM855       Cuatom staff number     8544280       GTIN     404887808076       Packaging unit     1       Electrical data [Supply        Operating voltage AC flux.item)     30 V       Operating voltage AC flux.item)     30 V       Operating voltage AC flux.item)     30 V       Carrent operating noretact max.     4 A <t< td=""><td>Coding</td><td>Α</td></t<>	Coding	Α
Degree of protection (EN IEC 60522)IP65, IP66K, IP67Commercial dataECLASS 6.027279218ECLASS 7.027279218ECLASS 7.027279218ECLASS 7.027279218ECLASS 7.027260311ECLASS 7.027060311ECLASS 7.027060311ECLASS 7.027060311ECLASS 7.1.127060311ECLASS 7.2.027060311ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.02706031ECLASS 7.2.0Operating voltage AC (UL-Isted)30 V <td>Material</td> <td>PUR</td>	Material	PUR
Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27000511       ECLASS-9.0     27000511       ECLASS-10.1     27000511       ECLASS-10.1     27000511       ECLASS-11.1     27000511       ECLASS-12.0     27000511       ECLASS-12.0     27000511       ECLASS-12.0     27000511       ECLASS-12.0     27000511       ECLASS-12.0     27000511       Contexture     27000511       ECLASS-12.0     27000511       Contexture     27000511       ECLASS-12.0     27000511       Contexture     8544290       Cottu     47990575       Parkaging unit     1       Electedatal [Suppty     -       Operating viotage AC max.     60 V       Operating viotage AC max.     60 V       Operating viotage CO LUL-Isteetd.     30 V       Carrent operating viotage CO LUL-Isteetd.     10 V       Carrent operating viotage CO LUL-Isteetd.	Width across flats	SW13
EQLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027060311ECLASS-7.027060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.127060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.227060311ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.22707218ECLASS-7.227	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27090311       ECLASS 6.10.1     27080311       ECLASS 7.0     EC001855       Caucions farff number     8544290       GTIN     404879808576       Packaging unit     1       Effectioal data   Suppy     E       Operating voltage AC max.     60 V       Operating voltage AC (LL-lister)     30 V       Additional conftion protection degree     inserd, screwed       Poluluon Degree     3       Additional conf	Commercial data	
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 6.0     27279218       ECLASS 6.0     27090311       ECLASS 6.10.1     27080311       ECLASS 7.0     EC001855       Caucions farff number     8544290       GTIN     404879808576       Packaging unit     1       Effectioal data   Suppy     E       Operating voltage AC max.     60 V       Operating voltage AC (LL-lister)     30 V       Additional conftion protection degree     inserd, screwed       Poluluon Degree     3       Additional conf	ECLASS-6.0	27279218
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-10.2     27060311       ECLASS-10.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       customs tarff number     85444290       GTN     4048376008576       Packaging unit     1       Electrical data [ Supply        Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Curret operating protocitat max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical Ads     screwed       Pollution Degree     3       Allered atomal (Electrical Ads     screwed       Polution Degree     1.6 KV  <	ECLASS-6.1	
ECLASS-9.0 27060311   ECLASS-10.1 27060311   ECLASS-11.1 27060311   ECLASS-12.0 27060310   Operating voltage AC max. 60 V   Operating voltage AC max. 60 V   Operating voltage AC fux. 60 V   Operating voltage AC fux. 60 V   Operating voltage AC (UL-Isted) 30 V   Current operating voltage AC (UL-Isted) 30 V   Current operating voltage DC (UL-Isted) 30 V   Current operating voltage CO (UL-Isted) 30 V   Mouting set M12 x 1   Device protection   Electrical M12 x 1   Material surge voltage 1,5 kV   Material surge voltage 1,5 kV   Materia	ECLASS-7.0	
ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     ECO01855       cuatoms tatiff number     8544230       GTIN     4048879608576       Packaging unit     1       Electrical data   Supply     V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Augusting ast     A A       Electrical Actification Actific	ECLASS-8.0	27279218
ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     ECO01855       cuatoms tatiff number     8544230       GTIN     4048879608576       Packaging unit     1       Electrical data   Supply     V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Augusting ast     A A       Electrical Actification Actific	ECLASS-9.0	
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001855       usions tariff umber     E5444290       GTIN     4048873808576       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage PC (UL-listed)     30 V       Colaring toring per contact max.     4 A       Bottom Electrical     Material screw contact max.       Additional condition pro	ECLASS-10.1	27060311
ETIM-6.0     EC001865       customs tariff number     8544290       GTIN     404887908576       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection        Policing per contact max.     4 A       Additional condition protoction degree     inserted, screwed       Policing protoction legree     inserted, screwed       Policing policing function     I       Coating locking     Nickeled       Coating locking material group (IEC 60664-1)     I       Mechanical data   Material data     Zino die-casting       Material screw connection     Zino die-casting       Material screw connection     Zino die-casting       Material screw connection     Zino die-casting       Mechanical data   Mounting data     Iser Co-Co-Co-Co-Co-Co-Co-Co-Co-Co-Co-Co-Co-C	ECLASS-11.1	
busioms tariff number     85444290       GTIN     4048879808576       Packaging unit     1       Electrical Supply        Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (LL-listed)     30 V       Current operating par contact max.     4 A       Installation [Connection        Mounting set     M12 x 1       Device protection [Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3       Reads surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data [ Material data        Coating of fitting     nickel plated       Coating of fitting     inc die-casting       Material screw connection     zinc die-casting       Mechanical data [ Mounting data]     inc die-casting       Material screw connection     zinc die-casting       Material screw connection     25 °C       Operating temperature min.     -25 °C	ECLASS-12.0	27060311
GTIN 4048879808576   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 60 V   Operating voltage DC max. 60 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 Installation   Connection   Mounting set M12 x 1   Device protection   Electrical Instruct, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (UE6 6068-1) 1   Mechanical data   Material data Incideel plated   Coating locking Nickeled   Coating of fitting nickel plated   Locking material Zinc die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Environmental chascetristics   Climatic Si ° C   Operating temperature min. -25 °C	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   60 V     Operating voltage DC max.   60 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   M12 x 1     Device protection   Electrical   M2 x 1     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   Kickeled     Coating of fitting   nickel plated     Locking matrial   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Ser Co     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature range   depending on cable quality     Contornity   Environmental characleristics   Climatic	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Bevice protection   Electrical     M12 x 1       Device protection   Electrical     isserted, screwed       Additional condition protection degree     isserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Inckel plated     Isserted       Coating of fitting     nickel plated       Coating of fitting     Inckel casting       Material screw connection     Zinc die-casting       Muttrial faroury commeting entry on the screwed, Shaking protection     Isserted, screwed, Shaking protection       Protome	GTIN	4048879808576
Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material data   Material data     Mceled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Sinc die-casting       Material screw connection     iserted, screwed, Shaking protection       Environmental characteristics   Climation     coating of Comection       Device protection   electrics     iserted, screwed, Shaking protection       Coating of fitting     iserted, screwed, Shaking protection       Device protection memental characteristics   Climation     coating comection       Device it	Packaging unit	1
Operating voltage DC max.     60 V       Operating voltage AC (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     M12 x 1       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     Mickeled       Coating locking     Nickeled       Cating locking     Nickeled       Cating of fitting     nickeled adia   Material data       Mechanical data   Mounting data     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Methanical data   Mounting data     Sinserted, screwed, Shaking protection       Environmental characteristics   Climatic     Qierating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Conformity     Product standard	Electrical data   Supply	
Operating voltage DC max.     60 V       Operating voltage AC (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     M12 x 1       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     Mickeled       Coating locking     Nickeled       Cating locking     Nickeled       Cating of fitting     nickeled adia   Material data       Mechanical data   Mounting data     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Methanical data   Mounting data     Sinserted, screwed, Shaking protection       Environmental characteristics   Climatic     Qierating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Conformity     Product standard	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Mux number of the second of the s	Operating voltage DC max.	60 V
Current operating per contact max.     4 A       Installation   Connection     Max 1       Device protection   Electrical     Max 1       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Metchanical data   Material data     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material cata   Mounting data     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       Contornity     Product standard	Operating voltage AC (UL-listed)	30 V
Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     inserted, screwed       Additional condition protection degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     inserted, screwed       Coating locking     Nickeled       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 on cable quality       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Evending on cable quality	Operating voltage DC (UL-listed)	30 V
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, Pollution Degree       Coating locking     Nickeled       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       Conformity     Environmental characteristics   Climatic       Product standard     DIN EN 61076-2-101 (M12)	Current operating per contact max.	4 A
Device protection   Electrical       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     Vickeled       Coating locking     Nickeled       Coating of fitting     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       Conformity     DIN EN 61076-2-101 (M12)	Installation   Connection	
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data   Material dataincelledCoating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting datainserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityProduct standardDIN EN 61076-2-101 (M12)	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     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   Vickeled     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Vickeled     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   UN EN 61076-2-101 (M12)	Device protection   Electrical	
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     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   Vickeled     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Vickeled     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   UN EN 61076-2-101 (M12)	Additional condition protection degree	inserted, screwed
Rated surge voltage   1,5 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   -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)		
Material group (IEC 60664-1)   I     Mechanical data   Material data   Nickeled     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 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     Xinc 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       Conformity     UN EN 61076-2-101 (M12)	Material group (IEC 60664-1)	
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting datainserted, screwed, Shaking protectionEnvironmental characteristics   Climaticinserted, screwed, Shaking protectionOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityUN EN 61076-2-101 (M12)		
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     Conformity   DIN EN 61076-2-101 (M12)		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 min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   DIN 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.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   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	-	
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   UNEN 61076-2-101 (M12)		
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)	· · · · ·	incerted screwed Shaking protection
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 max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Image: Conformity     Product standard   DIN EN 61076-2-101 (M12)	· · · ·	
Additional condition temperature range depending on cable quality   Conformity DIN EN 61076-2-101 (M12)	Operating temperature min.	
Conformity   Product standard DIN EN 61076-2-101 (M12)		
Product standard DIN EN 61076-2-101 (M12)	Additional condition temperature range	depending on cable quality
	Conformity	
Installation   Cable	Product standard	DIN EN 61076-2-101 (M12)
	Installation   Cable	

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Cable identification	335
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	52 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)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	0° C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	10 x Outer diameter

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