

## M12 male 90° A-cod. with cable

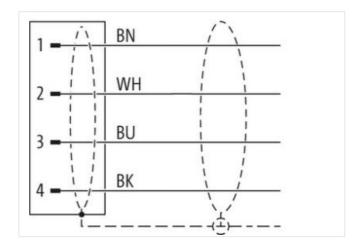
PUR 4x0.34 gy UL/CSA+drag ch. 1.8m

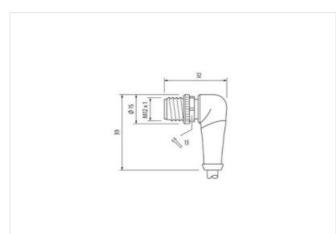
Male 90° M12, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

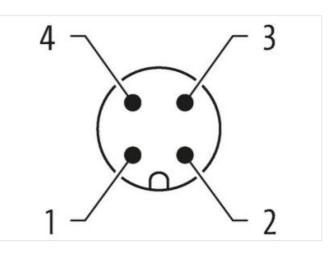
## Link to Product











Product may differ from Image



Cable length	1,8 m	
Side 1		
Tightening torque	0,6 Nm	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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Family construction form     M12       Thread     M12 x 1       Unitable for construction form     10 mm       Ceding     A       Maraial     PUR       Wain across tasts     SW13       Degree of protection (FUE CE 0050)     IPEs, IPERA, IPERA       Degree of protection (FUE CE 0050)     IPEs, IPERA       ECLASE 6.0     2701601       Commercial data     54442800       Packaging unit     1       Electrical data ISuppi     500 V       Operating voitage AG max.     250 V       Operating voitage CG (LL-Istest)     30 V       Modufing action protection IElectrical     4A       Matabaton (Connection Electrical     4A       Matabaton (Connection Electrical     4A       Modural data [Material data     4A       Modural data [Material data]     5 LV       Material action action protection second     7 not de-easing       Matesia actrup voitage CG CE 66664-1)     1 </th <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
autable for corrugated tube (nemail 0)10 mmCardingACardingPURWith accoss tatasSW13Opprogr of protection (FU FC 0055)IPS (FD 7)Commercial data2005 (FD 7)Commercial data2005 (FD 7)Develop of protection (FU FC 0055)PS 44290Packaging unit1Electrical data I Supply2544290Develop of protection (FU FC 0055)PS 44290Packaging unit259 V1Commercial data250 V1Operating voltage AC max.250 V1Operating voltage AC Max.250 V1Operating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VDevice protection [Electrical100 V1Electrical (FC 00564)100 V1Packaging voltage AC (UL-listed)30 VDevice protection [Electrical100 V1Electrical (FC 00564)100 V1Packaging voltage AC (UL-listed)30 VDevice protection [Electrical100 V1Electrical (FC 00564)100 V1Balded arge voltage3Conting (FC 00564)100 V1Balded arge voltage3Conting (FC 00564)100 V1Balded arge voltage3Conting (FC 00564)100 V1Balded arge voltage100 V1Conting (FC 00564)100 V1Balded arge voltage100 V1Conting (FC 00564)100 V1Develop protection (FC 00564)100 V1 </td <td>Family construction form</td> <td>M12</td>	Family construction form	M12
Dating     A       Atasinal     PUR       Waterial     SW13       Degree of protection (EN EC 00529)     IP65, IP66K, IP67       Commarcial data     SW13       ECLASS-6.0     27061801       Stadaming unit     1       Electrical data     SW13       Stadaming unit     1       Electrical data     SU0 V       Speraling voltage DC max.     250 V       Speraling voltage DC max.     4 A       Installation Connection     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     30 V       Additional condition protection degree     3       Valuation degree     3       Stade surge voltage     2,5 kV       Additional during data     2,5 kV       Additional during data     2,5 kV       Additional during data     2,5 kV       Adataring prot (l	Thread	M12 x 1
Atarial     PUR       Widh across flats     SW13       Segres of polecion (EN EC 0059)     PP5, IP66, IP67       Commercial dats     ZCLASS & 0       Seclass S. 0     2001801       subsoms tuff mumber     8544230       Parcaging will     1       Electrical dats   Supply     250 V       Dynamic voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Sperating voltage AC max.     250 V       Operating voltage AC full-tisted)     30 V       Sperating voltage AC full-tisted)     30 V       Adational condition protection degree     Isserted, sorewed       Sperating voltage AC full-tisted)     10 Keeled       Sperating voltage AC full-tisted)     10 Keeled       Sperating representation     Zo full-tisted       Sperating representation     Sor C       Sperating representati	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Widh across fials     SW13       Degree of protection (EN ICe 0029)     PB68, IP66K, IP67       Commercial data     E       ECLASS 4.0     27061801       Statagents until number     8544280       Statagenty until     1       Electrical data   Supply     E       Statagenty until     30 V       Sperafing voltage AC (ILL-lated)     30 V       Untert operafing voltage AC (ILL-lated)     30 V       Sperafing voltage AC (ILL-lated)     30 V       Maching et M M2 x 1     Device protection IElectrical       Boliton Dogree     3       Material group voltage AC (ILL-lated)     30 V       Statad surge voltage     2.5 V       Adardial group voltage AC (ILL-lated)     30 V       Statad surge voltage     2.6 V       Adardial group (IEC 60064-1)     1       Mechanical data   Material data	Coding	A
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     USC (ASS 6.0)     27061801       Scalass 6.01     1     Scalass 6.01     Scalass 6.01       Depresting voltage AC max.     250 V     Scalass 6.01     Scalass 6.01       Operating voltage AC max.     250 V     Scalass 6.01     <	Material	PUR
Commercial data     Sequence       EQL ASS-6.0     27061801       Seakaging unit     1       Electrical data [Supply        Electrical data [Supply        Electrical data [Supply     250 V       Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC (UL-Isted)     30 V       Deperating voltage AC (UL-Isted)     30 V       Deperating voltage AC (UL-Isted)     30 V       Derivating voltage AC (UL-Isted)     10       Existiantical Condition protection degree     inserted, sorewed       Voltage AC (UL-Isted)     1       Maderial group (UE 08086-1)     1       Maderial sorewoon relicion     Nickeled       Derivating voltage AC (UL-Isted)     Nickeled       Derivating tother torneorder sorewed, Shaking protection     Sorewed, Shaking protection       Atterial sorewoon relicion     Sore Geasting	Width across flats	SW13
ECLASS.6.0     27061801       sustoms suff number     85444290       Packaging unit     1       Deparating voltage AC     250 V       Operating voltage AC max.     250 V       Operating voltage AC (LL-isted)     30 V       Device protection [Electricat]     4A       Installation [Connection]     Installation [Connection]       Valitation al contaits protection [Electricat]     Valitation al contaits protection [Electricat]       Valitation al contaits protection degree     3     3       Palution Degree     3     3       Valitation al contaits protection [Electricat]     Valitation al contaits protection [Electricat]       Valitation al contaits protection [Electricat]     Valitation al contaits protection [Electricat]       Valitation al contaits protection [Electricat]     Valitation al contaits (Electricat]       Valitation al contaits protection [Electricat]     Valitation al contaits (Electricat]       Valitation al contaits protection [Electricat]     Valitation al contaits (Electricat]       Valitation al contaits (El	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
uaidoms tariff number     B5444290       TarkBing runt     1       Electrical data [Supply     S0       Operating voltage AC max.     250 V       Operating voltage AC UL-listed)     30 V       Device protection [Connection     V       Mouting set     A       Device protection [Electrical     V       Edition Operating voltage AC max.     2.5 NV       Attention protection degree     3       Barded surge voltage     2.5 NV       Attential group (IEC 6064-1)     1       Mechanical data [Motifial data]     Incide Coasting       Mechanical data [Motifial data]     Incide Coasting       Advering remoterion     Zinc die coasting       Mechanical data [Moutifia data]     Sinc Co       Advering nethone max.     85 °C       Adverding not protection (Itelectrical [Comatic     Generating relief work surge ables, as the IP protection class can be atting relief work worksy bending on cable quality       Mouting atot standard     IN relion: Coastree the protection <td>Commercial data</td> <td></td>	Commercial data	
Packaging unit     1       Electical data [ Suppi)        Depraining voltage AC max.     250 V       Opparating voltage AC (UL-listed)     30 V       Opparating voltage AC (UL-listed)     30 V       Opparating voltage AC (UL-listed)     30 V       Installation [ Connection        Marining set     M12 x 1       Device protection [ Electrical        Validation at confidor protection degree     instellation [ Connection]       Validation at confidor protection degree     3       Validating at Confidor protection degree     3       Validating at Confide protection degree     3       Validating at Confide protection degree     3       Validating at Confide protection degree     3       Validating at Marini data     Zinc dive casting       Validating at Material data     Zinc dive casting       Validating data     Zinc dive casting       Atterial group (EC 600664-1)     I       Valor casting data <td>ECLASS-6.0</td> <td>27061801</td>	ECLASS-6.0	27061801
Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Device protection   Electrical     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     So V       Addevice protection   Electrical     So V       Obvice protection   Electrical     So V       Material surge voltage     2,5 kV       Atterial surge voltage     2,5 kV       Atterial surge voltage     2,5 kV       Soltage of timing     nickel plated       Device protection   Electrical     Soltage       Soltage of timing     nickel plated       Soltage of timing     nickel plated       Soltage of timing     soltage cassing       Atterial surge voltage of cassing     Soltage       Beviand to the presenture max.     85 °C       Operating tomperature max.     85 °C       Operating tomperature max.     85 °C       <	customs tariff number	85444290
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Durent operating per contact max.     4 A       Installation   Connection     4 A       Outring set     M12 x 1       Device protection   Electrical     100 V       Valuation protection degree     inserted, screwed       Pollution protection degree     3       Attack surge voltage     2.5 kV       Attack surge voltage     2.6 kV       Dotating towing method     inserted, screwed, Shaking protection       Environmental characteristics   Climati- Dotated, screwed, Shaking	ackaging unit	1
Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Darret operating per contact max.     4 A       Installation   Connection     44       Auring set     M12 x 1       Darkie protection   Electrical     44       Auring set     M12 x 1       Darkie protection   Genection     instruction       Attachal group (ICC 60684-1)     1       Mechanical data   Material data     2.5 kV       Adaterial group (ICC 60684-1)     1       Mechanical data   Material data     Zinc die-casting       Adaterial group (ICC 60684-1)     1       Mechanical data   Material data     Zinc die-casting       Adaterial group (ICC 60684-1)     1       Mechanical data   Mouting data     Zinc die-casting       Adaterial Screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mouting data     Image and	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       operating voltage DC (UL-listed)     30 V       Surrent operating per contact max.     4 A       Installation (Connection     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     M12 x 1       Addition protection degree     inserted, screwed       Solution Dagree     3       Rated surge voltage     2.5 kV       Attentia group (EC 60684-1)     1       Mechanical data   Material data     Dovice protection       Soluting of fitting     nickel plated       Soluting of fitting     nickel plated       Soluting of fitting     nickel plated       Soluting numberial     Zinc die-casting       Mechanical data   Mounting data     Hechanical Solution       Environmental characteristics   Climatic     Sore C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Violitional condition temperature may.     85 °C       Solution location temperature max.     85 °C       Solution termine depending on c	Dperating voltage AC max.	250 V
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Surrent operating per contact max.     4 A       Installation [Connection     M12 x 1       Device protection   Electrical     M12 x 1       Perice protection   Electrical     M12 x 1       Device protection   Electrical     M12 x 1       Additional condition protection degree     inserted, screwed       Solution Degree     3       Rated surge voltage     2,5 kV       Atterial group (EC 60684-1)     1       Mechanical data   Material data     Coating locking material       Coating locking material     Zinc die-casling       Material group (EC 60684-1)     Inserted, screwed. Shaking protection       Environmental characteristics   Climatic     Coating on material       Zinc die-casling     Mechanical data   Mounting data       Mechanical data   Mounting data     Screwed. Shaking protection       Environmental characteristics   Climatic     Coating on cable quality       Deparating temperature min.     -25 °C       Operating temperature max.     85 °C       Validitonal condition temperature max.     86 °C <td< td=""><td></td><td>250 V</td></td<>		250 V
Durrent operating per contact max.     4 A       Installation   Connection     Mit2 x 1       Device protection   Electrical     Mit2 x 1       Device protection of lectrical     inserted, screwed       Pollution Degree     3       Tated surge voltage     2,5 kV       Waterial group (IEC 60664-1)     I       Mechanical data   Material data     Image: maximum contact max.       Dovice protection   Electrical     Xikeled       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Coating of fitting     nickel casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Sinserted, screwed, Shaking protection       Environmental characteristics   Climatic     Diperating temperature max.       Dyperating temperature max.     85 °C       Vedditional condition temperature may.     45 °C       Dyperating temperature max.     85 °C       Vole on strain rellef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Operating voltage AC (UL-listed)	30 V
Installation Connection       Advanting set     M12 x 1       Device protection   Electrical     inserted, screwed       Valuation Degree     3       atiliad surge voltage     2,5 kV       Waterial group (EC 60664-1)     1       Mechanical data   Material data     Conting include plated       Coating tocking     Nickeled       Coating tocking     nickel plated       Coating tocking     Nickeled       Coating tocking     nickel plated       Coating totking     nickel plated       Coating totking     nickel plated       Coating totking     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Moutrig data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Deparating temperature max.     85 °C       Valuation temperature range     depending on cable quality       Important Installation notes     Methon: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bonding torces.       Conformity     Protect the connectors by suitable measures from mechanicial loads, e		
Mounting set     M12 x 1       Device protection / Electrical     inserted, screwed       Veluitan Degree     3       Palutan Degree     3       Ataled surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data	Current operating per contact max.	4 A
Advanting set     M12 x 1       Device protection   Electrical     inserted, screwed       Valuation Degree     3       Valuation Degree     3       Valuation Degree     2.5 kV       Ataterial group (IEC 60664-1)     1       Mechanical data   Material data     .       Zoating Jocking     Nickeled       Zoating Jocking     Nickele plated       Zoating Jocking     Zinc die-casting       Ataterial screw connection     Zinc die-casting       Mechanical data   Mounting data     .       Porting method     inserted, screwed, Shaking protection       Environmental characteristics / Climatic     .       Operating temperature main.     .25 °C       Operating temperature max.     .25 °C       Sparting temperature max.     .25 °C       Operating temperature max.     .25 °C       Sparting temperature max.     .25 °C       Sparting temperature max.     .25 °C       Operating temperature max.     .25 °C       Sparting temperature max.     .25 °C       Operating temperature max.     .25 °C       Valee on bending radius <t< td=""><td>Installation   Connection</td><td></td></t<>	Installation   Connection	
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Stated surge voltage     3       Attendiar group (EC 60664-1)     1       Mechanical data   Material data     Inserted, screwed       Scating locking     Nickeled       Scating locking     Nickeled       Scating of fitting     nickel plated       Scating of fitting     nickel plated       Scating of fitting     nickel plated       Scating of fitting     Gite-casting       Alterial screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Screw       Screw connection     25 °C       Scating intemperature min.     -25 °C       Scating radiu temperature max.     85 °C       Koltonal condition temperature max. </td <td>·</td> <td>M12 x 1</td>	·	M12 x 1
3   3     Stated surge voltage   2.5 kV     Atterial group (IEC 60664-1)   1     Mechanical data   Material data   Sating looking     Soating looking   Nickeled     Soating of fitting   nickel plated     Soating material   Zinc die-casting     Atterial screw connection   Zinc die-casting     Mechanical data   Mounting data   Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   25 °C     Opperating temperature min.   -25 °C     Opperating temperature range   depending on cable quality     Important installation notes   45 °C     Jole on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   234     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   3     Sable Type   3     Sable Type   3     Sable Type   3     Sable Type   3 <td></td> <td></td>		
Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Souting (IEC 60664-1)       Doating of fitting     Nickeled       Coating of fitting     nickel plated       Cooking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Deprating temperature max.       Deprating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Vote on strain relief       Vote on brain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contrily     Vote on brain relief       Protect tandard     DIN EN 61076-2-101 (M12)       Installation   Cable     234       Cable Type     3       lackel Color     gray       Type of Certificate     cURus       Mount stranding     1       stranding     4 wires twisted	Additional condition protection degree	inserted, screwed
Atterial group (IEC 60664-1)     I       Mechanical data   Material data       Deating locking     Nickeled       Oating of fitting     nickel plated       Oating of fitting     nickel plated       Oating of fitting     Nickeled       Adterial screw connection     Zinc die-casting       Mechanical data   Mounting data     Mechanical data   Mounting data       Mechanical data   Mounting data     Screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Operating temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Contornity       Product standard     DIN EN 61076-2-101 (M12)     Installation I Cable       Dable identification     234     Calabier of protection class can be endangered by excessive bending forces.     Contornity       Stallation   Cable     Calabier of protection     Calabier of protection     Calabier of protection       S	Pollution Degree	3
Mechanical data   Material data       Doating locking     Nickeled       Doating of fitting     nickel plated       Doating meterial     Zinc die-casting       Atterial screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Dire die-casting       Deparating temperature min.     -25 °C       Opperating temperature max.     85 °C       Kottoni temperature max.     85 °C       Voltiditional condition temperature range     depending on cable quality       Important installation notes     Attention:: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Attention:: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Sa4       Sable identification     Sa4       Sable identification     Sa4	Rated surge voltage	
Decking     Nickeled       Doating of fitting     nickel plated       Doating of fitting     Zinc die-casting       Ataterial screw connection     Zinc die-casting       Mechanical data   Mounting data     Incerted, screwed, Shaking protection       Environmental characteristics   Climatic     Diperating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Store       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.       Conformity     Environmental characteristics   Climatic       Product standard     DIN En 61076-2-101 (M12)       Installation   Cable     234       Cable Type     3       Caket Color     gray       Type of Certificate     cURus       Mount stranding     1       Varies twisted     4 wires twisted	Material group (IEC 60664-1)	
Control     Nickel plated       cocking 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     Diperating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Volue on strain relief       Vote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       DIN	Mechanical data   Material data	
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Vadditional condition temperature range     depending on cable quality       Important installation notes	Coating locking	Nickeled
Atterial screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Auting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Deprating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Protect the 100°C-2-101 (M12)     Installation   Cable   234     Cable identification   234     Cable identification   234     Cable Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted	Coating of fitting	nickel plated
Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Validitional condition temperature range     depending on cable quality       Important installation notes	ocking material	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     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     234       Cable identification     234       Cable Type     3       Iacket Color     gray       Fype of Certificate     CURus       Annount stranding     1       Annount stranding     4 wires twisted	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   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Dable identification   234     Cable identification   234     Cable Type   3     Iacket Color   gray     Fype of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted	Mechanical data   Mounting data	
Deperating temperature min.   -25 °C     Opperating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   IN EN 61076-2-101 (M12)     Installation   Cable   234     Cable identification   234     Cable Type   3     Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted	Mounting method	inserted, screwed, Shaking protection
Derating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   234     Cable identification   234     Cable Type   3     Jacket Color   gray     Fype of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     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   234     Cable Type   3     lacket Color   gray     Fype of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted	Operating temperature min.	-25 °C
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     234       Cable identification     234       Cable Type     3       Jacket Color     gray       Fype of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted	Operating temperature max.	85 °C
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     234       Cable identification     234       Cable Zable XColor     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12)Installation   CableCable identification234Cable Identification3Cable ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twisted	Important installation notes	
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   Image: Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   234     Cable identification   234     Cable Type   3     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity   Product standard DIN EN 61076-2-101 (M12)   Installation   Cable   Cable identification 234   Cable Type 3   Cable Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12)   Installation   Cable 234   Cable identification 234   Cable Type 3   Iacket Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted	Conformity	
Cable identification234Cable Type3Iacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twisted	-	DIN EN 61076-2-101 (M12)
Cable Type 3   lacket Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted	Installation   Cable	
Jacket Color gray   Fype of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted	Cable identification	234
Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted	Cable Type	3
Amount stranding 1   Stranding 4 wires twisted	lacket Color	gray
Stranding 4 wires twisted	Type of Certificate	cURus
	Amount stranding	1
vire arrangement brown, black, blue, white	Stranding	4 wires twisted
	wire arrangement	brown, black, blue, white

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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Cable weigth	36,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 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
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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