

## M12 male 0° A-cod. with cable

PVC 4x0.34 bk UL/CSA 5m

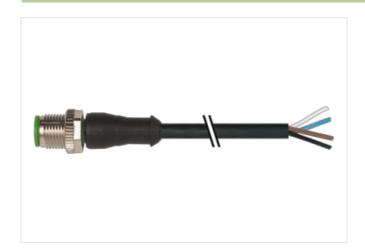
Male straight M12, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

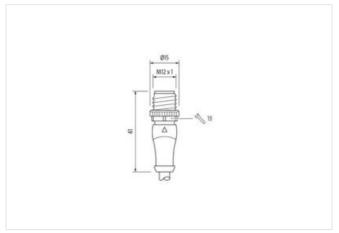
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

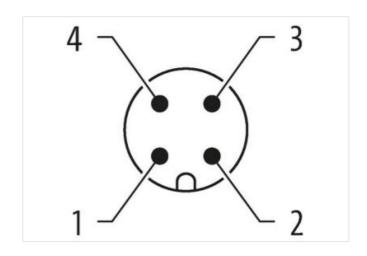
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque 0,6 Nm



stay connected

Family contraction from	Mounting method	inserted, screwed
Substitute for corrugated tube (internal 6)         10 mm           Coding         A           Material         PUR           Width across fluts         SW13           Degree of protection (FN EC 60059)         IP65, IP67           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27060311           EVELAS 12.0         27060311           Electrical data 1         2707031 <th< th=""><th>Family construction form</th><th>M12</th></th<>	Family construction form	M12
Coding         A           Material         PUR           Worth across Table         SW13           Degree of protection (EN IEC 60529)         IPSE, IPSEK, IPS7           Commercial date           ECLASS-6.0         27279218           ECLASS-6.1         2779218           ECLASS-7.0         27279218           ECLASS-8.0         27279318           ECLASS-9.0         27090311           ECLASS-9.1         27000311           ECLASS-9.1         27000311           ECLASS-1.1         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.1         27000311           ECLASS-1.2.0         27000311           ETIM-6.0         ECO01855           COLASS-1.1         27000311           ECLASS-1.2.1         4048879218047           Packaging unit         1           **Electrical data Supply         ****	Thread	M12 x 1
Meterial         PUR           Witth across filats         SW13           Commercial data         SW13           ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27080311           ECLASS 9.0         27080311           ECLASS 9.1.1         27080311           ECLASS 9.1.2         27080311           ECLASS 9.1.3         27080311           ECLASS 9.1.4         27080311           ECLASS 9.1.5         27080311           ECLASS 9.1.6         27080311           ECLASS 9.1.7         27080311           ECLASS 9.1.8         27080311           ECLASS 9.1.9         27080311           ECLASS 9.1.9         27080311           ECLASS 9.1.1         27080311           ECLASS 9.2.0         27080311           ECLASS 9.2.1         27080311           ECLASS 9.3         27080311           ECLASS 9.2.1         250 V           Operating violage AC max.         250 V           Operating violage DC max.         250 V           Operating violage AC (UL-listed)         30 V <tr< td=""><td>suitable for corrugated tube (internal Ø)</td><td>10 mm</td></tr<>	suitable for corrugated tube (internal Ø)	10 mm
With across fiets         SWI3           Degree of protection (EN IEC 00529)         PBS, IPBGK, IPBT           Commercial data         ECALASS 6.0         27279218           ECILASS 6.1         27279218           ECILASS 7.0         27279218           ECILASS 8.0         27279218           ECILASS 9.0         27060311           ECILASS 1.01         27060311           ECILASS 1.02         27060311           ECILASS 1.03         ECONISTS           ECILASS 1.04         27060311           ECILASS 1.05         ECONISTS           ECILASS 1.01         27060311           ECILASS 1.02         27060311           ECILASS 1.03         ECONISTS           ECILASS 1.04         27060311           ECILASS 1.05         ECONISTS           ECILASS 1.06         27060311           ECILASS 1.07         ECONISTS           ECILASS 1.08         ECONISTS           ECILASS 1.09         27060311           ECILASS 1.01         1           Electrical Catal Supply         Poperating values of Catal Supply           Operating values of Catal Supply         250 V           Operating values of Catal Catal Supply         30 V           Operating values of	Coding	A
Pegre of protection (EN IEC 66529)	Material	PUR
Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           Institution of Collage of Caracaccaccaccaccaccaccaccaccaccaccaccacc	Width across flats	SW13
ECLASS-6.0         27279218           ECLASS-6.1         2779218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECO1855           customs tariff number         35444290           GTIN         408879218047           Packaging unit         1           Electrical data [Supply           Operating voltage AC max         250 V           Operating voltage AC (LI-listed)         30 V           Device protection   Electrical         Additional condition protection degree	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27797918           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         100 855           customs tariff number         85444290           GTIN         4048879218047           Pockaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage pc contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         5 KV           Material screw connection         1 Kockelad           Coati	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-11.1         27000311           ECLASS-11.0         27000311           ECLASS-12.0         27000311           ETIM-5.0         EC001885           Customs tarff number         85444290           GTIN         4048879218047           Packaging und         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (LI-listed)         30 V           Operating voltage AC (LI-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Zinc die-casting           Coating of fitting         nickel plated           Locking	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         270600311           ECLASS-10.1         270600311           ECLASS-11.1         270600311           ECLASS-12.0         270600311           ECHASS-12.0         270600311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879219047           Packaging unit         1           ************************************	ECLASS-6.1	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tarff rumber         8544290           GTIN         4048879218047           Packaging unit         1           Electrical data   Supply         ************************************	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         408873218047           Packaging unit         1           Electrical datal Supply         Verifical datal Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         Xec discounting and incidence plated           Coating locking         Nickeled           Coating locking         Nickeled           Coating of litting         <	ECLASS-8.0	
ECLASS-10.1         27060311           ECLASS-11.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         408873218047           Packaging unit         1           Electrical datal Supply         Verifical datal Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         Xec discounting and incidence plated           Coating locking         Nickeled           Coating locking         Nickeled           Coating of litting         <	ECLASS-9.0	27060311
ECLASS-12-0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048879218047           Packaging unit         1           Electrical data   Supply         Voperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pevice protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         2,5 kV           Mechanical data   Material data         I           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material server connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature mix.         25 °C           Operating temperature ranze <t< td=""><td></td><td></td></t<>		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048679218047           Packaging unit         1           Electrical data   Supply         Voperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pevice protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         2.5 kV           Mechanical data   Material data         L           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material server connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         C           Operating temperature mix.         25 °C           Operating temperature max.         85 °C           Operat		27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879218047           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (IU-listed)         30 V           Operating voltage DC (IU-listed)         30 V           Operating voltage PC (IU-listed)         30 V           Operating voltage pc contact max.         4 A           Installation   Connection         Witz x 1           Device protection   Electrical           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking ascrew connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Munting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Cimatic           Operating tempera		
GTIN 404879218047 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (L-listed) 30 V Operating voltage DC (LL-listed) 30 V Operating voltage AC (LL-listed) 4 A Installation   Connection Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (ICC 60664-1) 1  Mechanical data   Material data  Coating lofking Nickeled Coating of litting nickel plated Locking naterial Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Conformity		
Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A  Installation   Connection  Muounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage AC stav Material group (16C 60664-1) 1  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material included acide casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deperating temperature min25 °C Operating temperature min25 °C Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on banding radius Attention. Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	customs tariff number	85444290
Peter   Pete	GTIN	4048879218047
Peter   Pete	Packaging unit	1
Operating voltage NC (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         Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Inserted (September 1)           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           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Attention: Obser		
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking           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         Coperating temperature min.           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. <td>Operating voltage AC max.</td> <td>250 V</td>	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  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  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Operating voltage DC max.	250 V
Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Operating voltage AC (UL-listed)	30 V
Mounting set	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1  Pevice protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protection class can be endangered by excessive bending forces.  Conformity	Current operating per contact max.	4 A
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Installation   Connection	
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Mounting set	M12 x 1
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		incorted coround
Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)    Mechanical data   Material data		
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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		2,5 NV
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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		'
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Mechanical data   Material data	
Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity		
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		· · · · · · · · · · · · · · · · · · ·
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity		
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Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief 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	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  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	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	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	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	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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Additional condition temperature range	depending on cable quality
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	Important installation notes	
endangered by excessive bending forces.  Conformity	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	
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

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: 2024-05-19



## stay connected

Installation   Cable	
wire arrangement	brown, black, blue, white
Cable identification	614
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	40,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter