

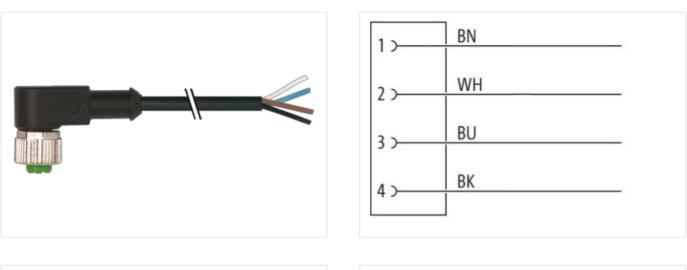
## M12 female 90° A-cod. with cable

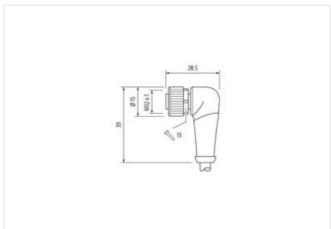
PUR 4x0.34 bk UL/CSA+drag ch. 0.65m

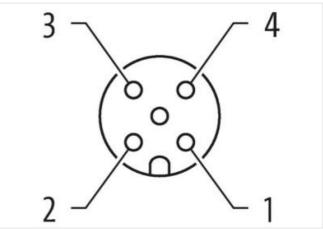
Female 90° M12 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request without cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

0,65 m

Side 1

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: 2024-05-12

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de



Family construction form     M12       Trivad     M12 x 1       suitable for corrugated tabe (internal 0)     10 mm       Coding     A       Width across fiels     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     E       ECLASS.7.0     27279218       ECLASS.7.0     27279218       ECLASS.8.0     27279218       ECLASS.7.0     27260311       ECLASS.8.0     27060311       ECLASS.7.0     27060311       ECLASS.8.0     27060311       ECLASS.7.0     E20601855       outstoms tainff number     E444200       GTIN     404878311250       Packagn unit     1       Electrical data   Suppy     Operating voltage AC max.       Operating voltage AC max.     250 V       Operating voltage AC (UL-listot) </th <th>Tightening torque</th> <th>0,6 Nm</th>	Tightening torque	0,6 Nm
Thread     M12 x 1       autable for corrugated tube (internal Ø)     10 mm       Coding     A       Widh across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS 6.0       ECLASS 6.0     27279218       ECLASS 7.0     27279218       ECLASS 1.1     27060311       ECLASS 1.2.0     27060311       Markage unit     1       Electrical data [Supply     250 V       Operating voltage AC (IL-Istex)	Family construction form	M12
Coding   A     Width across flats   SW13     Degree of protection (EN IEC 60529)   IP65, IP66K, IP67     Commercial data   ECLASS-6.0     ECLASS-7.0   27279218     ECLASS-7.0   27279218     ECLASS-7.0   27279218     ECLASS-7.0.1   27060311     ECLASS-1.0.1   250 V     Operating voltage AC (ILL-Islad)   30 V     Current operating por contact max.   4 A </td <td></td> <td>M12 x 1</td>		M12 x 1
Coding   A     Width across flats   SW13     Degree of protection (EN IEC 60529)   IP65, IP66K, IP67     Commercial data   ECLASS-6.0     ECLASS-7.0   27279218     ECLASS-7.0   27279218     ECLASS-7.0   27279218     ECLASS-7.0.1   27060311     ECLASS-1.0.1   250 V     Operating voltage AC (ILL-Islad)   30 V     Current operating por contact max.   4 A </td <td>suitable for corrugated tube (internal <math>\emptyset</math>)</td> <td>10 mm</td>	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS-4.0     27279218       ECLASS-7.0     27279218     ECLASS-7.0     27279218       ECLASS-7.0     27279218     ECLASS-6.0     27060311       ECLASS-8.0     27060311     ECLASS-1.0     27060311       ECLASS-10.1     27060311     ECLASS-1.0     27060311       ECLASS-10.0     ECO01855     Colored State (State		A
Commercial data       ECLASS-6.0     27278218       ECLASS-7.0     27278218       ECLASS-8.0     27278218       ECLASS-8.0     27278218       ECLASS-8.0     27278218       ECLASS-8.0     27260311       ECLASS-1.1     27060311       ECLASS-1.2.0     27060311       ECLASS-1.2.0     27060311       ECLASS-1.3     27060311       ECLASS-1.0     2706031       ECLASS-1.0     2706031       Causton tatiff number     65444200       GTN     4048879311250       Packaging unit     1       Electrical data Suppy     Operating voltage AC max.       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       C	Width across flats	SW13
ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       customs tariff number     6844290       GTN     4048879311250       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed) <t< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP65, IP66K, IP67</td></t<>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.0     27060311       ECLASS-10.1     1       Beakaging unit     1       Electrical data   Supply     0       Operating voltage AC (UL-Isted)     30 V       Current operating voltage AC (UL-Isted)     30 V	Commercial data	
ECLASS-8.0     27723218       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       oustoms taff number     85444290       GTIN     4048679311250       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     25 kV       Material group (IEC 60664-1)     1       Mechanical data   Material group     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material group     Zinc disc casting       Mechanical data   Mounting data     Incedescating       Mechanical data   Mounting data     Si ° C       Operating temperature max.     85 ° C       Additional condition temperature max.     85 ° C       Additional condition temperature range     depending on cable quality </td <td>ECLASS-6.0</td> <td>27279218</td>	ECLASS-6.0	27279218
ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     8544290       GTIN     404897301250       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     250 V       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 voltage DC (UL-listed)     1       Metrial Docking     Nickeled       Material Nousing     PUR       Locking material     Zinc die-casting       Mechanical datat   Mounting data	ECLASS-7.0	27279218
ECLASS-10.1   27060311     ECLASS-11.1   27060311     ECLASS-12.0   27060311     ECLASS-12.0   27060311     ETIMS-5.0   EC001855     customs fariff number   85444290     GTIN   404887311250     Packaging unit   1     Electrical data   Supply   0     Operating voltage AC max.   250 V     Operating voltage AC max.   250 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Corrent operating per contact max.   4 A     Device protection   Electrical   Polution Degree     Polution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating     Coating locking   Nickeled     Material rouging   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Inserted, screwed, Shaking protection   Eovicromental characteristis   Climatic     Operatin	ECLASS-8.0	27279218
ECLASS-12.0   27060311     ECLASS-12.0   27060311     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879311250     Packaging unit   1     Electrical data   Supply   Operating voltage DC max.     Operating voltage DC max.   250 V     Operating voltage DC max.   4A     Device protectin   Electrical   90 V     Current operating per contact max.   4 A     Device protectin   Electrical   Pollution Degree     9   3   Rated surge voltage     Costing locking   Nickeled     Material group (IEC 60664-1)   1     Meterial group (IEC 60664-1)   1     Locking material   Zinc die-casting     Mechanical data   Material data   Costing locking     Noting method   inserted, sorewed, Shaking protection     Environmental characteristics   Olimatio   Ope	ECLASS-9.0	27060311
ECLASS-12.0   27060311     ETIM-5.0   EC001885     customs tariff number   8544290     GTIN   4048879311250     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   250 V     Operating voltage AC max.   250 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Courrent operating voltage DC (UL-listed)   30 V     Device protection   Electrical   Patient and the AC     Coating locking   Nickeled     Material proup (IC 60664.1)   I     Mechanical data   Mounting data   Importal inserted, screwed, Shaking protection	ECLASS-10.1	27060311
ETIM-5.0   EC001855     customs tariff number   8544290     GTIN   404879311250     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   250 V     Operating voltage CUL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical   Polution Degree     Pollution Degree   3     Rated surge voltage   2.5 kV     Material group (IEC 60664-1)   1     Material fousing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climati	ECLASS-11.1	27060311
Instrument     BS44290       GTIN     4048879311250       Packaging 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       Current operating per contact max.     4 A       Device protection   Electrical        Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60684-1)     1       Mechanical data   Material data        Coating looking     Nickeled       Material housing     PUR       Locking material     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 </td <td>ECLASS-12.0</td> <td>27060311</td>	ECLASS-12.0	27060311
GTIN 4048879311250   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 250 V   Operating voltage DC max. 250 V   Operating voltage DC (LL-listed) 30 V   Operating voltage DC (LL-listed) 30 V   Operating voltage DC (LL-listed) 30 V   Current operating per contact max. 4 A   Device protection   Electrical   Pollution Degree 3   Rated surge voltage 2.5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data   Coating locking Nickeled   Material housing PUR   Locking material 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 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 p	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   250 V     Operating voltage DC max.   250 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical   Pollution Degree     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Nickeled   Material housing     PUR   Locking material     Locking material   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 °G     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 bardning radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class ca	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   250 V     Operating voltage DC max.   250 V     Operating voltage DC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical   Pollution Degree     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     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. <td>GTIN</td> <td>4048879311250</td>	GTIN	4048879311250
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     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical	Packaging unit	1
Operating voltage DC max.   250 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical   Pollution Degree     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     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.	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Pollution Degree       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Nickeled     Material housing       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     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 mage     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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     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.	Operating voltage DC max.	250 V
Current operating per contact max.   4 A     Device protection   Electrical     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   1     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Vincele-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     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.	Operating voltage AC (UL-listed)	30 V
Device protection   Electrical       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Abs °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.	Operating voltage DC (UL-listed)	30 V
Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: Coating locking     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     A5 °C   Additional condition temperature range     Important installation notes   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.	Current operating per contact max.	4 A
Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   Nickeled   Material housing     Material housing   PUR   Locking material     Locking material   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.     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.	Device protection   Electrical	
Material group (IEC 60664-1)   I     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Vickeled     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.     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.	Pollution Degree	3
Mechanical data   Material data     Coating locking   Nickeled     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     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 bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Rated surge voltage	2,5 kV
Coating lockingNickeledMaterial housingPURLocking materialZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangeImportant installation notesProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: 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)	1
Material housing   PUR     Locking material   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.     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.	Mechanical data   Material data	
Locking materialZinc die-castingMechanical data   Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Coating locking	Nickeled
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   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.	Material housing	PUR
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Locking material	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   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.	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   Mote on strain relief     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.	Mounting method	inserted, screwed, Shaking protection
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 endangered by excessive bending forces.	Environmental characteristics   Climatic	
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.	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.	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.	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.	Important installation notes	
endangered by excessive bending forces.	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	Note on bending radius	
	Conformity	
Product standard DIN EN 61076-2-101 (M12)	Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	Installation   Cable	
Cable identification 634	Cable identification	634
Cable Type 3	Cable Type	3
Jacket Color black	Jacket Color	black
Type of Certificate cURus	Type of Certificate	cURus
Amount stranding 1	Amount stranding	1

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: 2024-05-12

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de



Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
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
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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: 2024-05-12

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de