

## M8 male 90° A-cod. with cable shielded

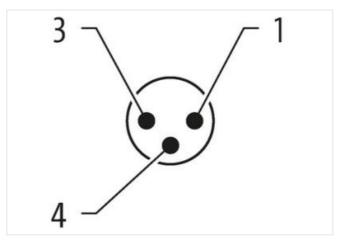
PUR 3x0.34 shielded gy UL/CSA+drag ch. 10m

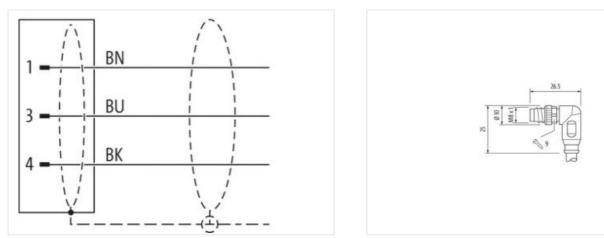
Male 90° M8, 3-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product









Product may differ from Image



10 m

0,4 Nm

Cable length

Side 1

Tightening torque

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-02

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



Thread       M8 x 1         suitable for corrugated tube (internal Ø)       6,5 mm         Material       PUR         Width across flats       SW9         Degree of protection (EN IEC 60529)       IP65, IP66K, IP67         Commercial data         ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       272060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879412971	Mounting method	inserted, screwed
satabia for corrugated tube (internal 6)       6.5 mm         Material       PUR         Wath arcosk fists       SW9         Degree of protection (EN IE 60559)       IPES, IPEK, IPET         ECLASS 6.0       27279218         ECLASS 6.1       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 7.0       27279218         ECLASS 7.0       27279218         ECLASS 7.0       27090311         ECLASS 7.0       2700031 <t< td=""><td>Family construction form</td><td>M8</td></t<>	Family construction form	M8
Material       PJF         With across flats       SWB         Degree of protection (EN EG 05629)       IP65, IP67.         Commercial data       E         ECILASS 6.1       27279218         ECILASS 6.1       27279218         ECILASS 6.1       27279218         ECILASS 7.0       27279218         ECILASS 6.1       27279218         ECILASS 6.0       27060311         ECILASS 7.0       27060311         ECILASS 7.0       27060311         ECILASS 7.20       27070315         EcolASS 7.20       27070410	Thread	M8 x 1
With across fails       SW9         Degree of protection (EN IEC 60529)       IPES, IPE6K, IPE7         Commecial deta       E         ECLASS 6.0       27278218         ECLASS 7.0       27050311         ETM A.0       ECOR01855         Construct data funuthor       8544290         GTIN       4049879412871         Packaging und 1       1         Electrical data [Supply       Electrical data [Supply         Operating voltage DC reas.       50 V         Operating voltage OL CUL-stead       30 V         Current operating er constat max.       4 A         Electrical data [Supply       Inserted. sorwed         Polition Degree       3	suitable for corrugated tube (internal Ø)	6,5 mm
Degree of protection (EN IEC 60529)       IP66, IP66K, IP67         Commercial data       Procession (EN IEC 60529)         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS 5.0.0       27279218         ECLASS 5.0.1       27060311         ECLASS 5.1.1       27060311         ECLASS 5.1.1       27060311         ECLASS 5.1.1       27060311         ECLASS 5.1.0       27060311         ECLASS 5.1.0       27060311         ECLASS 5.1.0       27060311         ECLASS 5.0       ECOI 0855         cuatoms tarff mmber       8544250         GTIN       404879412971         Packaging unit       1         Electrical data [Supply       U         Operating voltage AC (UL leided)       30 V         Operating voltage AC (UL leided)       30 V         Current toprating AC (UL-leided)       30 V         Current toprating PC (UL-leided)       30 V         Current toprating PC (UL-leided)       30 V         Current toprating PC (UL-leided)       30 V         Currento	Material	PUR
Commercial data       ECLASS 8.0       27278218         ECLASS 8.0       27278218       27278218         ECLASS 8.0       27278218       27278218         ECLASS 8.0       27278218       27060311         ECLASS 8.0       27060311       27060311         ECLASS 8.10.1       27060311       27060311         ECLASS 8.12.0       27060311       27060311         ECLASS 9.12.0       27060311       27060311         ETM 8.0       ECO01885       27060311         ETM 8.0       ECO01895       27060311         Countoms fairf number       5544200       27060311         Contamotic and suppy       27060311       27060311         Countoms fairf number       5544200       2707817         Packaging unit       1       27060311         Countom support and suppo	Width across flats	SW9
ECLASS 6.0       27278218         ECLASS 7.0       27279218         ECLASS 7.0       27279218         ECLASS 7.0       27279218         ECLASS 7.0       27279218         ECLASS 7.0       2729218         ECLASS 7.0       27060311         ECLASS 7.1       27060311         ECLASS 7.1       27060311         ECLASS 7.1       27060311         ECLASS 7.2       2706031         ECLASS 7.2       2706031         ECLASS 7.2       2706031         ECLASS 7.2       2706031         ECLASS 7.2       270         Operating voltage AC (UL-lister)       30	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 6.1       27279218         ECLASS 7.0       27278218         ECLASS 8.0       27279219         ECLASS 8.0       27279219         ECLASS 7.0       27060311         ECLASS 7.0       ECO01855         catoms taff number       05544230         Catoms taff number       05444230         OTIN       4048979412971         Packaging unit       1         Electrical data i Supply	Commercial data	
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-8.0       27060311         ECLASS-8.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.2       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.1       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         Colons tariffunder       60 V         Operating voltage AC (UL-listed)       30 V         Corrent operating voltage AC (UL-listed)       30 V         Corrent operating voltage CD (UL-listed)       30 V         Corrent operating voltage AC (UL-listed)       30 V         Corrent operating voltage AC (UL-listed) storetod)       40 V	ECLASS-6.0	27279218
ECLASS-8.0       27278218         ECLASS-9.0       27060311         ECLASS-9.0       27060311         ECLASS-1.1       27060311         ECLASS-12.0       27060311         ECLASS-13.0       EC001655         outstoms staff number       85444290         GTIN       0408879412971         Packaging unit       1         Electrical data   Supply	ECLASS-6.1	27279218
ECLASS 9:0   27060311     ECLASS 11.0   27060311     ECLASS 11.1   27060311     ECLASS 11.0   EC001855     customs tarfi mumber   8544290     GTIN   404879412971     Packaging unit   1     Electrical data   Supply   Comparing voltage AC max.     Operating voltage AC (LL-Isted)   30 V     Operating voltage AC (LL-Isted)   30 V     Operating voltage AC (LL-Isted)   30 V     Current operating per contact max.   4 A     Installation (Connection   Environmental     Mounting ast   MB x 1     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Polution Degree   3     Rated surge voltage   1,5 kV     Mechanical data   Material data   Coating toking protection     Coating toking material   Brass     Material screw connection   Brass     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic Operating imprestrue max.   45 °C	ECLASS-7.0	27279218
EQLASS:10.1       27060311         EQLASS:12.0       27060311         EQLASS:12.0       27060311         ETIM 5.0       EC001855         customs tariff number       85444280         GTIN       404879412971         Packaging unit       1         Electrical data   Supply	ECLASS-8.0	27279218
ECLASS-11.1   27660311     ECLASS-12.0   27600311     ECLASS-12.0   27600311     ECLASS-12.0   EC001855     customs tariff number   85444280     GTIN   4048879412971     Packaging unit   1     Electrical dia   Supply   Correcting voltage AC max.     Operating voltage AC max.   60 V     Operating voltage AC (LL-listed)   30 V     Operating voltage AC (LL-listed)   30 V     Operating voltage AC (LL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   M8 x 1     Device protection   Electrical   Addional condition protection degree     Installation   Connection   15 KV     Mechanical data   Material data   Casaing of fitting     Casing of fitting   nickel plated     Coating of fitting   nickel plated     Coating of fitting   nickel plated     Coating of fitting   nickel screwed, Shaking protection     Methanical data   Mounting data   Earos     Methanical data   Mounting data   Earos     Methanical data   Mounting data   Earos     Munting temperature max.   88 °C     Operating temperature max.   88 °C     Operating temperature max.   88 °C <t< td=""><td>ECLASS-9.0</td><td>27060311</td></t<>	ECLASS-9.0	27060311
ECLASS-12.0   27660311     ETMA 5.0   EC001855     outoms taiff unber   8544290     GTIN   4048879412971     Packaging unit   1     Electrical data   Suppiy   Operating voltage AC max.     Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Operating voltage AC (UL: listed)   30 V     Operating voltage DC max.   60 V     Operating voltage DC (UL: listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Max 1     Device protection   Electrical   Bast 1     Device protection relection degree   inserted, screwed     Polition Dagree   3     Rated surge voltage   1,5 kV     Mechanical data   Material data   Max     Coating locking   nickel plated     Coating locking   nickel plated     Coating of fitting   nickel plated     Coating of fitting   exter protection     Material screw connection   Brass     Material screw connection   Brass     Material screw connection   Brass     Material condition notes   Evoromental characteristics   Climatic     Environmental characteristics   Climatic   SrG     Operating temperature	ECLASS-10.1	27060311
ETIM-S.0       EC001855         customs tailf number       85444290         GTIN       4048879412971         Packaging unit       1         Electrical data [Supply          Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Operating voltage DC max.       4 A         Installation Condition protection degree       30 V         Rated aurge voltage       1,5 KV         Mounting refere       3         Rated aurge voltage       1,5 KV         Mechanical data [Material data       Coating of miting         Locking material       Brass         Material Screw connection       Brass         Material Screw connection       Brass         Mounting method       Inserted, screwed, Shaking protection         Derating Insertating Aure	ECLASS-11.1	27060311
outsoms tariif number       85444290         GTIN       4048879412971         Packaging unit       1         Electrical dital [Supply       Comparating voltage AC max.         Operating voltage DC max.       60 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation I Connection       M8 x 1         Device protection   Electrical Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical dital   Material data       Coating locking material         Coating locking material       Brass         Material screw connection       Brass         Mechanical dital   Mounting data       25 °C         Operating temperature max.       85 °C         Additional condition repreature max.       85 °C         Additional condition featores:       55 °C         Operating temperature max.       85 °C         Additional condition featoperature max. <td>ECLASS-12.0</td> <td>27060311</td>	ECLASS-12.0	27060311
GTIN   4048879412971     Packagng unit   1     Electrical data   Supply   Coperating voltage AC max.   50 V     Operating voltage AC max.   50 V     Operating voltage AC max.   60 V     Operating voltage AC (LL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Installation   Connection degree     Mounting set   M8 x 1     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   3     Rated surge voltage   1,5 kV     Mechanical data   Material data     Coating of Iting   nickel plated     Coating of Iting   nickel plated     Coating of Iting   nickel plated     Mounting method   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Coating of Iting   nickel plated     Coating of Iting   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Generating temperature max.     Additonal condition temperature may.	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.     50 V       Operating voltage AC (UL-listed)     30 V     Coperating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V     Coperating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V     Comerciton     Comerciton       Mounting set     M X 1     Device protection   Electrical     MX       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Rated surge voltage     1,5 kV     Mechanical data   Material data     Material screwed       Coating locking     nickel plated     Coating of fitting     nickel plated     Coating of fitting     nickel plated       Locking material     Brass     Material screw connection     Brass     Coating or Comperature max.     85 °C       Additional condition temperature max.     85 °C     Coating on cable quality     Coating on cable quality     Coating on cable quality       Mounting radius     Afferthorescrew temperature max.     85 °C     Coating on cable quality     Coating on cable quality       Mounting method     inserted, screwed, Shaking protection     Material screwed, Shaking protection	customs tariff number	85444290
Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation   Connection       Max 1         Device protection   Electrical       Max 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating of fitting         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Coating of fitting method       inserted, screwed, Shaking protection         Mechanical data   Mounting data       Brass         Mechanical data   Mounting data       coating of nicel, screwed, Shaking protection         Derating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality	GTIN	4048879412971
Operating voltage AC max.       50 V         Operating voltage AC max.       60 V         Operating voltage AC (LL-isted)       30 V         Operating per contact max.       4 A         Installation   Connection       M& 1         Device protection   Electrical       M& 1         Additional condition protection degree       3         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating of fitting         Coating of fitting       nickel plated         Coating therefait the Mounting data       Inserted, screwed, Shaking protection         Metenial data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climat	Packaging unit	1
Operating voltage DC max.       60 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Installation   Connection       4 A         Installation   Connection       Mounting set       M8 x 1         Device protection   Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating of fitting       nickel plated       Coating of fitting         Coating of fitting       nickel plated       Eases       Material screw connection       Brass         Material screw connection       Brass       Envoronmental characteristics   Climatic       Coating on cable quality         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 files.         Additional condition radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be en	Electrical data   Supply	
Operating voltage DC max.       60 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Installation   Connection       4 A         Installation   Connection       Mounting set       M8 x 1         Device protection   Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating of fitting       nickel plated       Coating of fitting         Coating of fitting       nickel plated       Eases       Material screw connection       Brass         Material screw connection       Brass       Envoronmental characteristics   Climatic       Coating on cable quality         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 files.         Additional condition radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be en	Operating voltage AC max.	50 V
Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation   Connection       Mex 1         Device protection   Electrical       Mex 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating offiting         Coating offiting       nickel plated         Coating offiting       nickel plated         Locking material       Brass         Material screw connection       Brass         Material screw connection       Brass         Material screw connection       Brass         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatio       Operating temperature min.         -25 °C       Operating temperature min.         -25 °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 tites.         Note on stra		
Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation   Connection       Max 1         Device protection   Electrical       Max 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating locking         Coating locking       nickel plated         Coating locking       nickel plated         Locking material       Brass         Material screw connection       Brass         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         Ads °C       Additional condition temperature max.         Note on strain relief       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.		
Current operating per contact max.     4 A       Installation   Connection       Mounting set     M8 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Locking material     Brass       Methanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition tones     Mote on strain relief     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     DIN EN 61076-2-114 (M8)		
Installation   Connection         Mounting set       M8 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       Inserted, screwed         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Locking material       Brass         Material screw connection       Brass         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.         Additional condition temperature range       depending on cable quality         Important installation notes       Inserted: 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       UNEN 61076-2-114 (		4 A
Mounting set       M8 x 1         Device protection   Electrical       inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       inserted, screwed         Coating locking       nickel plated         Coating of fitting       nickel plated         Locking material       Brass         Material screw connection       Brass         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating temperature min.         Operating temperature min.       -25 °C         Operating temperature range       depending on cable quality         Important installation notes       Materio: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard		
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Mechanical data   Material data       Coating locking         Coating locking       nickel plated         Coating of fitting       nickel plated         Locking material       Brass         Material screw connection       Brass         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating temperature min.         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		M8 x 1
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Mechanical data   Material data     Coating locking     nickel plated       Coating locking     nickel plated     Coating of fitting       Locking material     Brass     Brass       Material screw connection     Brass     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.       Conformity     Product standard     DIN EN 61076-2-114 (M8)		
Pollution Degree     3       Rated surge voltage     1,5 kV       Mechanical data   Material data     Inckel plated       Coating locking     nickel plated       Coating of fitting     nickel plated       Locking material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     Mounting data       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.       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 61076-2-114 (M8)		issected acrowed
Rated surge voltage     1,5 kV       Mechanical data   Material data     Inckel plated       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Locking material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     DIN EN 61076-2-114 (M8)		·
Mechanical data   Material data         Coating locking       nickel plated         Coating of fitting       nickel plated         Locking material       Brass         Material screw connection       Brass         Mechanical data   Mounting data       mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating 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       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Product standard       DIN EN 61076-2-114 (M8)		
Coating locking     nickel plated       Coating of fitting     nickel plated       Locking material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     DIN EN 61076-2-114 (M8)		۷۸ ک, ۱
Coating of fitting     nickel plated       Locking material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     DIN EN 61076-2-114 (M8)		
Locking material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     DIN EN 61076-2-114 (M8)		
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Note on bending radius   endangered by excessive bending forces.     Conformity   DIN EN 61076-2-114 (M8)	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-114 (M8)	Note on bending radius	
Product standard DIN EN 61076-2-114 (M8)	Conformity	
· · ·		DIN EN 61076-2-114 (M8)

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



wire arrangement brown, black, blue Cable identification 240 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue Cable weigth 44 g/m PUR Material jacket Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PP Amount wires 3 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 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C 2 kV @ 60 s AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -2 kV @ 60 s iacket) AC withstand voltage (wire - shield) 2 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 IEC 60332-2-2 | UL 1581 § 1100 FT2 | UL 1581 § 1090 Flame resistance 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 No. of bending cycles (C-track) 5 Mio. @ 25 °C 5 m @ 25 °C | horizontal Traversing distance (C-track) Travel speed (C-track) 3.3 m/s @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m

Torsion speed 35 cycles/min

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