

## M12 female 90° A-cod. with cable

PVC 4x0.34 bk UL/CSA 8m

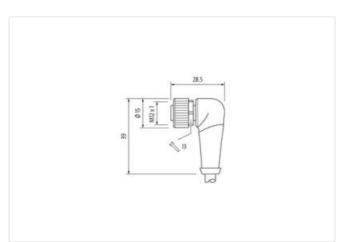
Female 90° M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

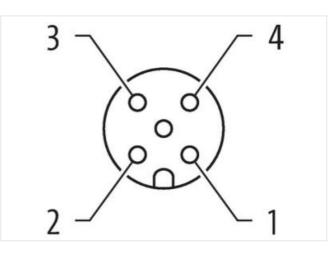
## Link to Product

Illustration









Product may differ from Image



 Cable length
 8 m

 Side 1

 Tightening torque
 0,6 Nm

 The information in this Product-PDF has been compiled with the utmost care.

 Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



Cading     A       Material contact     Copper alloy       Material Contact     Copper alloy       Material Contact     SW13       Degree of protection (EN IEC 60529)     IP65. IP66K, IP67       Side 2     Stripping length (jackel)     20 mm       Conting contact     gold plated       Material contact     Copper alloy       Commercial data     Copper alloy       Contact     27279218       ECLASS 6.0     27279218       ECLASS 7.0     27060311       ECLASS 7.0     2706031       Contact con	Mounting method	inserted, screwed
Fanily construction form         M12           Treaded         M12 1           aviable for corrugated lube (informal 0)         10 mm           Coding         A           Advisation of the corrugated lube (informal 0)         10 mm           Coding         A           Material antitle         Cupper aloy           Material         PUR           With arous fails         SW13           Degree of protection (EN IEC 60629)         IP05, IP06K, IP07           SMa 2         SMa 2           Conting constat         gold plated           Metarial contact         Coding constat           With arous fails         2779218           ECLASS-6.0         2779218           ECLASS-7.0         2779218           ECLASS-7.0         2779218           ECLASS-7.0         2779218           ECLASS-7.0         27690311           ECLASS-7.0         27690311           ECLASS-7.1         27690311           ECLASS-7.2         27690311           ECLASS-7.2         27690311           ECLASS-7.1         27690311           ECLASS-7.2         ECO1885           Graver of protection floc form         S6444290           GTN	Coating contact	gold plated
Thread         M2 x 1           Coding         10 mm           Coding         A           Coding         A           Material contant         Opper alloy           Material contant         PUR           With aconsa files         W13           Degree of predetion (NE C6 6052)         IP65, IP66, IP67           Stde 2         IP67           Stde 1         Contant contant           Colarig contant         Opper alloy           Contant contant         Opper alloy           Colarig contant         Opper alloy           Contant contant         Opper alloy           Contant contant         Opper alloy           Colarig contant         Opper alloy		
Cading         A           Material         Coper alloy           Material         PUR           With accose flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP60K, IP67           Side 2         Side 2           Singping length (fackett)         20 mn           Cading contact         gold plaid           Material contact         Copper alloy		M12 x 1
Material         Coper alloy           Material         PUR           With arcsis filts         SW13           Dagros of protection (EN EC 60529)         PES, IPEGK, IPE7           Side 2         Signing lingth (acket)         20 mn           Conting constant         gold plated         Godd plated           Material conting         Gold plated         Godd plated           Material conting         Coper alloy         Commercial data           ECLASS 6.0         2779218         ECLASS 6.0         2779218           ECLASS 6.0         2779218         ECLASS 6.0         2779218           ECLASS 6.0         27060311         ECLASS 6.0         27060311           ECLASS 7.0         27060311         ECLASS 7.0         ECLASS 7.0           ECLASS 7.0         ECON01855         ECON01855         ECON01855           ECLASS 7.0         ECON01855         ECON01855         ECON01855           ECIASS 7.0         ECON01855         ECON01855         ECON01855         ECON	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material         PUP           With accoss flats         SW13           Degree of protection (EN EC 60529)         IPS6, IPS6K, IPS7           Side 2         30 mm           Solid protection (EN EC 60529)         20 mm           Commercial data         opp pladed           Commercial data         Copper alloy           Commercial data         20 2772918           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27260311           ECLASS 7.0         27060311           ECLASS 7.0         25000           Oparitary orbitago EC Max.         250 V           Oparitary orbitago EC Max.         250 V           Oparating orbitago EC Max.         250 V           Oparating orbitago EC Max.         250 V           Oparating orbi		Α
Material         PUR           Width acrose liala         SW13           Degree of protection (EN IEC 66529)         IPRS, IP60K, IP67           Side 2         Sifeping length (jacket)         20 mm           Coating contact         opd plated         Copper alloy           Commercial data         Copper alloy         20           Commercial data         Copper alloy         20           ECLASS 0.0         27270218         20           ECLASS 0.0         27270218         20           ECLASS 0.0         27270218         20           ECLASS 0.0         27270218         20           ECLASS 1.1         27060311         20           ECLASS 1.0         27060311         20           ECLASS 1.0         27060311         20           ECLASS 1.0         27060311         20           ECLASS 1.0         27060311         20           Countom tariff number         95444230         20           Cortin 1         1         20           Electacia data   Suppiy         20         20           Operating voltage DC Conax.         25 V         20           Operating voltage DC Conax.         25 V         20           Operating volt	Material contact	Copper alloy
Degree of protection (EN IEC 60529)         IP65, IP67(K)           Side 2           Side (south)         20 mm           Coating contact         ogal plated           Contance contact         Corper aloy           Contance contact         Corper aloy           Contance contact         Corper aloy           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-6.0         27260311           ECLASS-1.1         27060311           ECLASS-1.2         2706031           ECLASS-1.1         2706031           ECLASS-1.2         2706031           ECLASS-1.1         2706031           ECLASS-1.0         2500           Operating voltage AC tox         250 V           Operating voltage AC fox         250 V           Operati	Material	
Side 2Stripping length (jackeu)20 mmCentering contact0 of platedMaterial contactCopper aloyConnecial data27279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-70.027279218ECLASS-8.027060311ECLASS-10.127060311ECLASS-10.227060311ECLASS-10.227060311ETM-5.0EC001685cuatoms taiff number8644290GTN4048279519646Packaging unl1Electrical data   SuppirOperating voltage AC max.250 VOperating voltage AC (UL-leistd)30 VAutomation (Electrical)4Automation (Electrical)4	Width across flats	SW13
Side 2Stripping length (jackeu)20 mmCentering contact0 of platedMaterial contactCopper aloyConnecial data27279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-70.027279218ECLASS-8.027060311ECLASS-10.127060311ECLASS-10.227060311ECLASS-10.227060311ETM-5.0EC001685cuatoms taiff number8644290GTN4048279519646Packaging unl1Electrical data   SuppirOperating voltage AC max.250 VOperating voltage AC (UL-leistd)30 VAutomation (Electrical)4Automation (Electrical)4	Degree of protection (EN IEC 60529)	
Coating contact         gold plated           Material contact         Copper alloy           Commercial data         Copper alloy           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS 1.1         27060311           Derechang Length (multer         30 V           Operating voltage AC (LL-Listed)         30 V           <		
Coating contact         gold plated           Material contact         Copper alloy           Commercial data         Copper alloy           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS 1.1         27060311           Derechang Length (multer         30 V           Operating voltage AC (LL-Listed)         30 V           <	Stripping length (jacket)	20 mm
Material contact         Copper alloy           Commercial data         ECLASS 4.0         27278218           ECLASS 5.0         27278218         ECLASS 5.0         27278218           ECLASS 5.0         27278218         ECLASS 5.0         27278218           ECLASS 5.0         27260311         ECLASS 5.0         27060311           ECLASS 1.1         27060311         ECLASS 1.2         27060311           ECLASS 1.2         27060311         ECLASS 1.2         27060311           ECLASS 1.2         27060311         ECLASS 1.2         27060311           ECLASS 1.2         27060311         ECCASS 1.2         27060311           ECLASS 1.2         27060311         ECCASS 1.2         27060311           ECLASS 1.2         27060311         ECCASS 1.2         ECOASS 1.2           ECLASS 1.2         27060311         ECOASS 1.2         ECOASS 1.2           ECLASS 1.2         27060311         ECOASS 1.2         ECOASS 1.2           ECLASS 1.2         270041         1         EcoASS 1.2           Packaging unit         1         EcoASS 2.5         EcoASS 2.5           Operating voltage DC max.         250 V         Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-liste		
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-8.0.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           Electical data [Supply         0           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-Listed)         30 V           Current operating or outage AC max.         4 A           Instaticon [Connection         M12 × 1		
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           Eletical data [Supply         00           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC max.         4 A           Istalizion I Connection         4 A           Istalizion I Connection         4 A           Edevice protection   Electrical         40 mm<		
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         27060311           ECLASS-10.0         ECO01855           custom striff number         85444290           GTIN         404879519946           Packaging unit         1           Electrical data   Supply		
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs taiff number         65444290           GTIN         4048879519946           Packaging unit         1           Electrical data   Supply         Comparing voltage AC max.           Operating voltage AC max.         250 V           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           Current operating per contact max.         4 A           Installation   Connection         Mit x t           Device protection   Electrical         Served           Additional condition protection degree         inserted, screwed           Poliution Degree         3           Rated auge voltage         2,5 kV           Material data   Material data         Incole paterial           Coating locking         Nick		
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048779519346           Packaging unit         1           Efectrical data   Supply		
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs tariff number         85444290           GTIN         404837919946           Packaging unit         1           Electrical data   Supply		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           oustoms taiff number         8544290           GTIN         4048879519946           Packaging unit         1           Electrical data   Supply         Comparison           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating apt contact max.         4 A           Installation [Connection         Installation [Connection]           Mounting set         M12 x 1           Device protection   Electrical         Screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data [Material data         Coating of filting           Coating of filting         nickle plated           Material gasket         FKM           Locking material         Zinc die-casting           Material d		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879519946           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 AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection            Stripping length (lacket)         20 mm           Mounting est         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         Code (lacket)           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc cile-casting           Material gasket		
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879519946           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (LL-isted)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Mounting set         M12 x 1           Device protection   Electrical         44           Additional condition protection degree         3           Rated surge voltage         2,5 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         4           Coating of fiting         nickel plated           Material group (IEC 6064-1)         1           Material group (IEC 60664-1)         In clie-casting		
customs tariff number         85444290           GTN         4048879519946           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating protocometor         4 A           Installation   Connection         30 V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         30 V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated aurge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data Material data         Inckel plated           Coating torking         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material serve connection         Zinc die-casting           Mounting meth		
GTIN         4048879519946           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 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            Stripping length (jacket)         20 mm           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           Material gasket         FKM           Locking material         Zinc die-casting           Meterial data   Mounting data         Kenemacet           Mounting method         inserted, screwed, Shaking protection           Dickerage and tope asting         Sinc die-casti		
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 DC (UL-listed)     30 V       Operating not tage DC (UL-listed)     30 V       Corrent operating per contact max.     4 A       Installation   Connection     20 mm       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     Insel plated       Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Locking material     Mounting data       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Material gasket     FKM       Locking material     Kine exesting       Material gasket     FKM       Locking material		
Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Mounting set         M12 x 1           Device protection   Electrical         M12 x 1           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         Xinceled           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Mounting data           Material serwe connection         Zinc die-casting           Material serw connection         Zinc die-casting <td></td> <td></td>		
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 AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           Coating locking         Nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Kine (e, screwed, Shaking protection           Locking material         Mounting data           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed,	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           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method	Electrical data   Supply	
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           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           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 of fitting           Coating of fitting         nickele plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Meterial screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           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         Insekeed           Coating locking         Nickeled           Coating locking         Nickeled           Coating adjusterial         Zinc die-casting           Material group connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Qer S °C	Operating voltage DC max.	250 V
Current operating per contact max.     4 A       Installation   Connection     20 mm       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       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     Nickeled       Coating locking     Nickeled       Coating af fitting     nickel plated       Material group connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Sinc ele-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.	Operating voltage AC (UL-listed)	30 V
Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           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         Inserted           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sinserted, screwed, Shaking protection           Environmental characteristics   Climatic         Sinserted, screwed, Shaking protection           Goerating temperature min.         -25 °C	Operating voltage DC (UL-listed)	30 V
Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       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     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Sinserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating protection       Coperating temperature min.     -25 °C	Current operating per contact max.	4 A
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       Image: Control of the stress of t	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       Image: Control of the stress of t	Stripping length (jacket)	20 mm
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       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating temperature min.         Operating temperature min.       -25 °C		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       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating temperature min.         Operating temperature min.       -25 °C	Device protection   Electrical	
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C		incorted corowod
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       I         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C		
Material group (IEC 60664-1)       I         Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C	-	
Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C		
Coating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting datainserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °C		
Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C		Nickeled
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Xinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C		
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C		
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C		
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C	Material screw connection	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C		
Environmental characteristics   Climatic         Operating temperature min.       -25 °C	· · · · · ·	inserted, screwed, Shaking protection
Operating temperature min25 °C		

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

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



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 61076-2-101 (M12)
Installation   Cable	
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)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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

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

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi