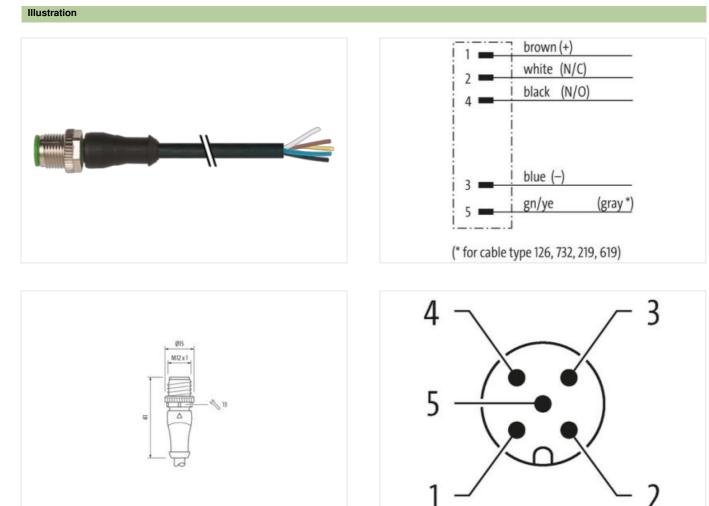


M12 male 0° A-cod. with cable

PVC 5x0.34 bk UL/CSA 10m

Male straight A-coded M12, 5-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request. Plastic housings with good resistance against chemicals and oils.

Link to Product



Product may differ from Image



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: 2024-05-20

10 m

0,6 Nm

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



Femb construction form M12 Troud M12 × 1 auitable for compared tube (internal 0) 10 mm Coding A Material PUR With access futs SW13 Degree of protection (INEC 6002) IPES, IPER/ INFO Side 2 Total access futs Stripping tength (tocket) 20 mm Commercial data 27278218 ECLASS 6.0 27278218 ECLASS 7.0 27278218 ECLASS 8.0 27278218 ECLASS 8.0 27278218 ECLASS 8.0 27278218 ECLASS 8.1 27090311 ECLASS 8.10 27090311 ECLASS 8.10 27090311 ECLASS 8.10 27090311 ECLASS 8.10 27090311 ECLASS 9.10 27090311 ECLASS 9.10 27090311 ECLASS 9.10 27090311 ECLASS 9.10 2000 access ac	Mounting method	inserted, screwed
skilable for comugated luke (internal Ø) 10 mm Coding A Material PUR Widt across fluis SW13 Degree of protection (IN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (acket) 20 mm Commercial dats ECLASS 6.0 22729218 ECLASS 6.0 22729218 ECLASS 6.0 ECLASS 7.0 27279218 ECLASS 7.0 ECLASS 7.0 272090311 ECLASS 7.0 ECLASS 7.0 27090311 ECLASS 7.0 ECLASS 7.0 27090311 ECLASS 7.0 ECLASS 7.0 27090311 ECLASS 7.0 ECLASS 7.0 EV001055 ECLASS 7.0 Cotatom tarf mumber 6544290 ECMAST 2.0 OTM 404879216961 Pachaging und Packaging und 1 ECMAST 2.0 Operating voltage AC max. 125 V Operating volt	Family construction form	M12
Coding A Material PUR With across flats SW13 Dargne of potection (EN IEC 60529) IP65, IP67 Side 2 Stripping length (acket) 20 nm Commercial data E ECLASS 6.0 27278718 ECLASS 6.1 27278718 ECLASS 6.0 27278718 ECLASS 7.0 27060311 ECLASS 7.0 270706311 ECLASS 7.0 270706311 ECLASS	Thread	M12 x 1
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66, IP667, I	suitable for corrugated tube (internal \emptyset)	10 mm
Wein across fats SW13 Degree of potention (EN IEC 60529) IPES, IPEK, IPE7 Stripping length (lacket) 20 mm Connectal dat 227279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311	Coding	A
Degree of protection (EN IEC 60528) IP65, IP68K, IP67 Side 2 Sinping length (jacket) 20 mm Commercial dats ECLASS-6.0 27278218 ECLASS-6.0 27278218 ECLASS-6.0 ECLASS-6.0 27060311 ECLASS-6.0 ECLASS-10.1 27060311 ECLASS-6.0 earborn Laft numbor B6442400 GOI oatsoms Laft numbor B6442400 GOI GTIN 404887216851 Paokagn unt 1 Deparating voltage AC max. 125 V Operating voltage AC UL-Liaton 90 V Operating voltage AC UL-Liaton 30 V Operating voltage AC UL-Liaton PAOkagn AC UL-Liaton Mounting Ber M2 X 1 Departing voltage AC UL-Liaton PAOkagn AC UL-Liaton Deparating voltage AC UL-Liaton 3 Reduct sure	Material	PUR
Skip 2 Siripping length (jackel) 20 mm Commercial dats 22778218 ECLASS-6.0 22778218 ECLASS-6.1 22778218 ECLASS-6.0 22778218 ECLASS-6.0 22778218 ECLASS-7.0 22780311 ECLASS-8.0 22780311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 2707216 Operating voltage AC max. 125 V Operating voltage OC max. 125 V Operating voltage OC max.<	Width across flats	SW13
Stipping length (jackel) 20 mm Connectial date 22778218 ECLASS 6.0 22778218 ECLASS 7.0 22778218 ECLASS 6.0 22778218 ECLASS 6.0 22778218 ECLASS 6.0 2278218 ECLASS 6.0 2278218 ECLASS 6.0 2278218 ECLASS 6.0 22780311 ECLASS 10.1 27600311 ECLASS 11.1 27600311 ECLASS 12.0 2760311 ECLASS 11.1 27600311 ECLASS 11.1 27600311 ECLASS 11.0 2760311 ECLASS 11.1 276031 Packaging unit 1 Eclevical data [Support 30 V Operating voltage AC (UL-liste	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27090311 ECLASS-8.0 27090311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.0 E0001855 cuatoms tariff number 85444290 GTIN 4048279216951 Packaging unit 1 Etertical data Suppiv Coperating voltage AC max. Operating voltage AC max. 125 V Operating voltage AC fuct. 30 V Operating voltage AC fuct. 125 V Operating voltage AC fuct. 125 V Operating voltage AC fuct. 125 V Operating voltage AC fuct. 30 V Operating voltage AC fuct. 125 V	Side 2	
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.3 27060311 ECLASS-1.4 408679216951 Pachaging unit 1 Edertral data Supply 9 Operating voltage AC max. 125 V Operating voltage AC (LL-listed) 30 V Current operating are contact max. 4 A Ibrailatioi / Cometion 1 Stripping length (jacke) 20 mm Mourting set M12 × 1 Device protection Electrical 3 Additional condition protection degree 3 Norting set 15 kV <td>Stripping length (jacket)</td> <td>20 mm</td>	Stripping length (jacket)	20 mm
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.3 27060311 ECLASS-1.4 448672216951 Packaging unit 1 Electrical dals Supply Electrical dals Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (LL-listed) 30 V Current operating parting part ontert max. 4 A Installation Connection Installation Connection Stripping lengt (lacket) 20 mm Mounting set M12 x 1 Device protecton Electrical Acta stripping lengt (lacket) Additional condition protection din	Commercial data	
ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0.0 27060311 ECLASS 8.0.1 27060311 ECLASS 7.0 EC001855 customs tainff number 8544290 GTIN 4048979216951 Packaging unit 1 Electrical dia Supply Operating voltage AC (ML. Isted) Operating voltage DC max. 125 V Operating voltage DC (UL. Isted) 30 V Current operating per contact max. 4 A Installation Connection 20 mm Mounting set M12 x 1 Device protection Electrical 20 mm Additional condition protection degree 1,5 kV Material group (IEC 60664-1)	ECLASS-6.0	27279218
ECLASS 8.0 2729218 ECLASS 9.0 27060311 ECLASS 7.0.1 27060311 ECLASS 7.0.0 27060311 ECLASS 7.0.0 27060311 ECLASS 7.0.0 27060311 ECLASS 7.0.0 EC001825 customs tariff number 65444290 GTIN 4048879216951 Packaging unit 1 Electrical datal Supply Coperating voltage AC max. Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 90 V Operating voltage DC (UL-listed) 90 V Operating per contact max. 4 A Installation Connection 20 mm Mounting set M12 x 1 Device protection Electrical Addition protection elgree Addition pegree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking material Coating locking material Zinc die-casting Material screw connection Zinc die-casting Material screw con	ECLASS-6.1	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.1 27060311 ECLASS-14.0 27060311 ETIM-5.0 EC001855 oustoms tariff number 85444290 GTIN 4048879216951 Packaging unit 1 Electrical data [Supply Operating voltage AC max. Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC CLL-listed) 30 V Current operating voltage AC (UL-listed) 30 V Current operating voltage DC (UL-listed) 30 V Current operating voltage DC (UL-listed) 30 V Current operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating procentact max. 4 A Installation [Connection 10 mm Mounting set M12 x 1 Device protection Electrical 44 Additional condition protection degree 1.5 kV <	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETMA-5.0 EC001855 oustoms tariff number 85444290 GTIN 404887921691 Packaging unit 1 Electrical data Supply	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-S.0 EC001855 customs triff number 8544290 GTIN 4048879216951 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (LI-listed) 30 V Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additonal condition protection degree 1.5 kV <td< td=""><td>ECLASS-9.0</td><td>27060311</td></td<>	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-S.0 EC001855 customs tariff number 85444290 GTIN 4048672616951 Packaging unit 1 Electrical data Supply Derating voltage AC max. Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating approximation max. 4 A Installation [Connection Electrical Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated aurge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Zinc die-casting Material group on the protection Zinc die-casting Image: Since wonnection Material aurge wonnection Zinc die-casting Mechanical data Mounting data Locking noteking protection Coasting of fitting insteled, screwed, Shaking protection Coasting o	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 8544230 GTIN 4048879219951 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 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 1,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material sorge reave connection Zinc die-casting Material sorge	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879216951 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (UL-listed) Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) Ourment operating per contact max. 4 A Installation (Connection Installation (Connection Bergee 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Methanical data Material data Coating of fitting nickel plated Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Methanical data Mounting data Iserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature	ECLASS-12.0	27060311
GTIN 4048879216951 Packaging unit 1 Electical data Supply Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating port contact max. 4 A Installation Connection Stripping length (jacket) 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 1,5 kV Material group (IEC 60664-1) 1 I Mechanical data Material data Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Coating of fitting Operating method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating of coating on cable quality Mechanical data Mounting data Sr C Operating temperature max. 85 °C <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-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 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 1 Mechanical data Material data Coating of fiting nickel plated Coating of fiting Sir C Coating of fiting -25 °C	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 125 V Operating voltage AC (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 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 1,5 kV Material group (IEC 60664-1) 1 Mechnical data Material data Coating of fitting Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting 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	GTIN	4048879216951
Operating voltage AC max. 125 V Operating voltage AC (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 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating for (IEC 60664-1) Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characetristis Climatic Co	Packaging unit	1
Operating voltage DC max. 125 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 (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 606641) I I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating lemperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Electrical data Supply	
Operating voltage DC max. 125 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 (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 606641) I I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating lemperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Operating voltage AC max.	125 V
Operating voltage DC (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 inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		125 V
Operating voltage DC (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 inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating voltage AC (UL-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 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Pale of the cable quality		30 V
Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical	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 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data 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 Important installation notes	Installation Connection	
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Image: Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting 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 Important installation notes Important installation notes Important installation notes	Stripping length (jacket)	20 mm
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Image: Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting 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 Important installation notes Important installation notes Important installation notes	Mounting set	M12 x 1
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Meterial screw connection Zinc die-casting Meunting 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 Important installation notes Important installation notes		
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Abi S °C Additional condition temperature range Important installation notes depending on cable quality		incorted serowed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Important installation notes		
Material group (IEC 60664-1) I Mechanical data Material data Nickeled Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes		
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes -25 °C		·
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notes-25 °C		
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Important installation notes		Nickeled
Locking materialZinc die-castingMaterial screw connectionZinc 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 notesImportant installation notes		
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 Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes		
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 Environmental characteristics		
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		
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		inserted, screwed. Shaking protection
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes	-	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes		25 °C
Additional condition temperature range depending on cable quality Important installation notes 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.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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: 2024-05-20

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



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	
wire arrangement	brown, black, blue, white, green-yellow
Cable identification	615
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 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)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
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 ²
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	4,5 A 57 Ω/km @ 20 °C
Electrical resistance line constant wire	-
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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: 2024-05-20

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no