

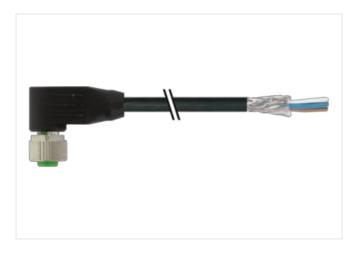
M12 female 90° A-cod. with cable shielded

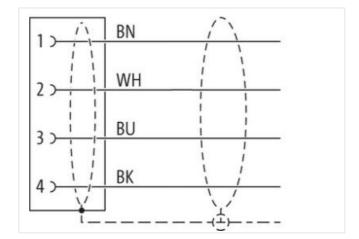
PUR 4x0.34 shielded bk UL/CSA+drag ch. 0.3m

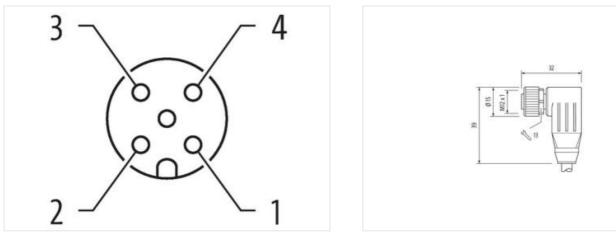
Female 90° M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







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: 2024-04-26

0,3 m

0,6 Nm

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Pamby construction form M12 Travead M12 x1 Oxding A Material PUR With accoss face SW13 Degree of protection (EVIEC 05529) PRS, PEGK, IPG7 Commercial data SW13 ECLASS 8.0 27278718 ECLASS 8.0 27278718 ECLASS 8.0 270780511 ECLASS 8.0 270780511 ECLASS 8.0 270580511 ECLASS 9.0 27050511 ECLASS 9.0 27050511 ECLASS 9.0 0 V Operating vatage AC OLL	Mounting method	inserted, screwed
CadingAMaterialPURMaterialPURWath acrose flatsSW13Degree of protection (FN EC 60529)IP65, IP66(, IP67Commercial deta27279218ECLASS 6.027279218ECLASS 7.027270218ECLASS 9.027000311ECLASS 9.027000311ECLASS 9.027000311ECLASS 9.027000311ECLASS 9.127000311ECLASS 9.227000311ECLASS 9.3600Constant 900000Constant 900010900Constant 9000100900Constant 9000100900Constant 9000100900Constant 9000100900Constant 9000100900	Family construction form	M12
Material PUF Width across flats SW13 Degree of profection (EN IEC 60528) IPD5, IPD6K, IPS7 Commercial data E ECLASS 6.0 27278218 ECLASS 6.0 27278218 ECLASS 5.0.1 27060311 ECLASS 5.0.1 27060311 ECLASS 5.1.1 27060311 Electical data [Suppty 0 Operating voltage AC max. 60 V Operating voltage OC max. 60 V Operating voltage OC max.	Thread	M12 x 1
Widh across liais SW13 Degree of protection (EN IEC 60520) IP65, IP66K, IP67 Commercial dis E ECASS 8.0 27278219 ECASS 8.0 27278219 ECASS 8.1 27060311 ECASS 8.1 2000311 ECASS 8.1 2000311 ECASS 8.2 EC001855 cuators staff under 8544290 GTIM 404877728282 Parkaging unli 1 Electrical data I Supply Commercing and acting	Coding	A
Degree of protection (EN IEC 60329) IP65, IP66K, IP67 Commonical data E ECLASS-6.0 22779218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27060311 ECLASS-10.1 27660311 ECLASS-11.1 27660311 ECLASS-12.0 27060311 ECLASS-13.1 27600311 ECLASS-14.1 27660311 ECLASS-15.1 27600311 ECLASS-16.1 27600311 ECLASS-17.1 2760031 ECLASS-17.1 2760031 ECLASS-17.1 2760031 Electrical data [Supply 60 V Operating voltage Cora. 60 V Operating voltage Cora. 60 V	Material	PUR
Commercial dataECLASS 6.027279216ECLASS 7.027279216ECLASS 7.027279216ECLASS 6.027060311ECLASS 7.027060311ECLASS 7.127060311ECLASS 7.127060311ECLASS 7.227060311ECLASS 7.227060311ECLASS 7.227060311ECLASS 7.227060311ECLASS 7.227060311ETM 6.0EC001855customs tarff number85444290Catast 7.27706292Packaging unit1Etercical data 1 Suppy0Operating voltage AC max.60 VOperating voltage AC max.60 VOperating voltage AC max.60 VOperating voltage AC (LL-listed)30 VAdditional condition protection degreeinsetted, serewedPatilitation CodeInsetted, serewedPatilitation Code20 CCode voltage AC (LL-listed)20 CPatilitation CodeInsetted, serewed, Shakin	Width across flats	SW13
ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0.1 27060311 ECLASS 8.10.1 2706031 Constant shiff number 85444200 Castom staff number 85444200 Castom staff number 85444200 Castom staff number 8044879782982 Packaging unit 1 Electrical data Suppy 70 Operating voltage DC max. 60 V Paclating voltage DC max. 60 V	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
EGLASS 7.0 27279218 EGLASS 8.0 27279218 EGLASS 8.0 27279218 EGLASS 8.1 27090311 EGLASS 10.1 27090311 EGLASS 11.1 27090311 EGLASS 12.0 27090311 Ederical dis 1 5007 Oparating voltage DG max. 60 V Oparating voltage AC (UL-listed) 30 V Corrent oparating voltage AC (UL-listed) 30 V Corrent oparating voltage DC (UL-listed) 30 V Envice protection I Electrical Moltand Matrial trop oparating voltage DC (UL-listed) 31	Commercial data	
ECLASS-8.0 2729218 ECLASS-8.0 27000311 ECLASS-8.0 27000311 ECLASS-10.1 27060311 ECLASS-10.2 27060311 ECLASS-10.3 27060311 ECLASS-10.3 EC001865 cuatoms tarff number 8544290 GTIN 40489792082 Packaging untit 1 Electrical data [Supply U Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (U-listed) 30 V Current operating voltage AC (U-listed) 12 N Device protection [Electrical Insteld.screwod Polution Degree 3	ECLASS-6.0	27279218
ECLASS-9.0 27080311 ECLASS-10.1 27080311 ECLASS-11.1 27060311 ECLASS-12.0 27080311 ECLASS-12.0 27080311 ETM-5.0 EC001855 causons tarff mumber B544290 GTN 4048879782882 Packaging unit 1 Electrical data I Supply Electrical data I Supply Operating voltage AC max. 60 V Operating voltage AC (LL-Islact) 30 V Current operating voltage AC (LL-Islact) 30 V Operating voltage AC (LL-Islact) 30 V Current operating voltage AC (LL-Islact) 30 V Device protection I Electrical Hated accordition protection degree Material group (UEC 60664-1) 1 Material group (UEC 60664-1) 1 Mechanical data I Material data Inc die-casting Material group (Ele 60664-1) 1 Mechanical data I Mounting data <td< td=""><td>ECLASS-7.0</td><td>27279218</td></td<>	ECLASS-7.0	27279218
ECLASS-10.1 27080311 ECLASS-11.1 27080311 ECLASS-12.0 27080311 ECLASS-12.0 27080311 ETM-5.0 EC001855 oustoms striff number 85444290 GTIN 404879782882 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Current operating voltage AC (UL-listed) 10 Betrice Supply 1,5 KV Material Supp VI	ECLASS-8.0	27279218
EQLASS-11.1 27060311 EQLASS-12.0 27060311 ECLASS-12.0 EC00165.5 outoms tariff number 8544290 GTN 04887978282 Packaging unl 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Mouting gatin M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated arge voltage 1,5 kV Material gating for the fore fore fore fore fore fore fore for	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETM 5.0 ECO01855 oustoms tailf number 8544290 GTN 404877782982 Packaign unt 1 Electrical data [Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Operating voltage AC (UL-isled) 30 V Operating voltage AC (UL-isled) Corrent operating per contaxt max. 4 A A Instalion IC connection Mitz x 1 Device protection I Electrical Additional condition protection degree inserted, screwed Polution Degree 3 State Screwed Polution Degree 3 Colonal of fitting Casting of fitting nickel plated Colonal of fitting Casting of fitting nickel plate	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tailf number 85444290 GTIN 4048879782982 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage CO (UL-listed) 30 V Current operating oper contact max. 4 A Installation Concention Mouting 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 6064-1) 1 Mechanical data Material data Cataling of fitting Cataling of fitting nickeled Cataling of fitting nickeled Cataling of fitting inserted, screwed, Shaking protection Mechanical data Mounting data Screwed, Shaking protection Mechanical data Mounting data	ECLASS-11.1	27060311
cuisions tariff number 8544290 GTIN 4048879782982 Packaging unit 1 Electrical dital [Supply 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating operating and the max. 4 A Installation Connection Mit 2 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Actad surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating odifiting Coating odifiting nickel plated Coating odifiting nickel plated Coating odifiting inserted, screwed, Shaking protection Methalical data Material barcecteristics Climatu Gree-casting Methalical data Mounting data inserted, screwed, Shaking protection	ECLASS-12.0	27060311
GTIN 4048879782982 Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection M12 x 1 Bevice protection Electrical A Additional condition protection degree inserted, sorewed Pollution Degree 3 Rated surge voltage 1.5 kV Material group (EC 60664-1) 1 Mechanical data Material data Zinc die-casting Mechanical data Material data Zinc die-casting Material group (EC 60664-1) inserted, sorewed, Shaking protection Mouting method inserted, sorewed, Shaking protection Material sorew connection Zinc die-casting Mechanical data Mounting data Sine C Mouting method inserted, sorewed, Shaking protection Enviromental characteristics Climatic Sine C Operating reparature mix. 85 °C Operating reparature mix. 85 °C Operating reparature mix. 85 °C Oper	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Coperating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) Operating voltage AC (UL-listed) 30 V Common AC (UL-listed) Operating voltage AC (UL-listed) 30 V Common AC (UL-listed) Mounting set AT Installation I Connection Mounting set M12 x 1 Device protection I Electrical Additional condition protection degree inserted, screwed Pollution Degree Reade surge voltage 1,5 kV Material group (IEC 60664-1) I Meterial group (IEC 60664-1) 1 Image AC (III (IEC AC AC (IEC AC (IEC AC (IEC AC AC (IEC	customs tariff number	85444290
Electrical data Supply Operating voitage AC max. 60 V Operating voitage DC max. 60 V Operating voitage DC (UL-listed) 30 V Operating voitage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical M12 x 1 Additional condition protection degree inserted, screwed Poliution Degree 3 Rated surge voitage MC (UL-listed) 1 Mechanical data Material data Inserted, screwed Poliution Degree 3 Rated surge voitage 1,5 kV Material group (EG 60684-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material fitting temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Operating temperature max. 85 °C	GTIN	4048879782982
Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-isted) 30 V Current operating per contact max. 4 A Installation Connection Mutx 1 Device protection Electrical Mutx 1 Additional condition protection degree inserted, screwed Politation Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6068-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Muterial screw connection isered, screwed, Shaking protection Eviriconmental characteristics Climatic Mounting method Inserted, screwed, Shaking protection Eviriconmental characteristics Climatic Depreting temperature max. 85 °C Operating temperature max. 85 °C <	Packaging unit	1
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Mu2 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 606641) I Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Coperating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Gable identification	Electrical data Supply	
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Mu2 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 606641) I Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Coperating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Gable identification	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Mux Mounting set M12 x 1 Device protection Electrical Mux 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 of fittig Coating of fittig nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Goere conting Operating memperature max. 85 °C Additional condition temperature range depending on cable quality Contornity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable 3 Cable Type 3 Jacket Color Black		60 V
Current operating per contact max. 4 A Installation Connection Mulx x 1 Device protection Electrical Mail X x 1 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 of fitting Coating of fitting nickel plated Locking meterial 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 Coating of meterial Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Conformity Environmental characteristics Climatic Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable Type Cable Type	Operating voltage AC (UL-listed)	30 V
Installation Connection Mounting set M12 x 1 Device protection Electrical inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1, kV Material group (IEC 60664.1) 1 Mechanical data Material data Motify and the plated Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking Zinc die-casting Material screw connection Zinc die-casting Material screw connection Isserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Contornity Produet standard Produet standard DIN EN 61076-2-101 (M12) Installation Cable 441 Cable identification 641 Cable fortificate	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1 Device protection Electrical inserted, screwed 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 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. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Additional condition temperature range depending on cable quality Product standard UN EN 61076-2-101 (M12) Installation Cable Sec Cable identification 641 Cable rype 3 Sacket Color Back	Current operating per contact max.	4 A
Mounting set M12 x 1 Device protection Electrical inserted, screwed 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 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. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Additional condition temperature range depending on cable quality Product standard UN EN 61076-2-101 (M12) Installation Cable Sec Cable identification 641 Cable rype 3 Sacket Color Back	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) I Mechanical data Material data Coating of fitting Coating of fitting 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 Sic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conternity Product standard Product standard MIN EN 61076-2-101 (M12) Installation Cable Edul fication Cable Type 3 Jacket Color Bickk Type of Certificate CURus	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 Inserted, screwed Coating locking Nickeld Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data United exceeded and the screwed, Shaking protection Environmental characteristics Climatic So Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable Type Cable Type 3 Jacket Color black Type of Certificate culRus		
Pollution Degree 3 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 Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Imserted, screwed, Shaking protection Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus		incorted corowed
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 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 Conformity DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus	· -	
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Coating of fitting nickel plated Locking material Zinc die-casting Coating of fitting Nickeled Material screw connection Zinc die-casting Coating of fitting Nickeled Mechanical data Mounting data inserted, screwed, Shaking protection Coating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 641 Cable Type 3 Jacket Color black DIN EN 61076-2-101 (M12) Disck	-	
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 inserted, screwed, Shaking protection Environmental characteristics Climatic Coating on cable quality Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2:101 (M12) Installation Cable Cable identification Cable Identification 641 Cable IColor black Type of Certificate cURus		
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 inserted, screwed, Shaking protection Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Inserted. Screwed. M12) Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 641 Cable Color black Type of Certificate cURus		
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 Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable 641 Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus	· ·	· · · · · ·
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. Additional condition temperature range depending on cable quality Conformity In Stallation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable 641 Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cuRus		
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity UN EN 61076-2-101 (M12) Installation Cable External Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus		·
Mechanical data Mounting data 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 Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable 641 Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus		
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification641Cable Type3Jacket ColorblackType of CertificatecURus		Zinc die-casting
Environmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityInstallation CableProduct standardDIN EN 61076-2-101 (M12)Installation Cable641Cable identification641Cable Type3Jacket ColorblackType of CertificatecURus	Mechanical data Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityInstallation CableProduct standardDIN EN 61076-2-101 (M12)Installation Cable641Cable identification641Cable Type3Jacket ColorblackType of CertificatecURus	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable 641 Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable 641 Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus	Operating temperature min.	-25 °C
ConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification641Cable Type3Jacket ColorblackType of CertificatecURus	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12)Installation CableCable identification641Cable Type3Jacket ColorblackType of CertificatecURus	Additional condition temperature range	depending on cable quality
Installation Cable Cable identification 641 Cable Type 3 Jacket Color black Type of Certificate cURus	Conformity	
Cable identification641Cable Type3Jacket ColorblackType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 3 Jacket Color black Type of Certificate cURus	Installation Cable	
Cable Type 3 Jacket Color black Type of Certificate cURus		641
Jacket Color black Type of Certificate cURus		
		1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulationPPArnount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation1.42 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeArnount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²
BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeOuter diameter tolerance core insulation4Outer diameter tolerance core insulation4 ± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,1 mm
wire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cAdmium-free, CFC-free, halogen-free, silicone-freeOuter diameter tolerance core insulation42Diameter of single wires0,1 mm
No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationr0 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Cable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Outer-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,1 mm
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,1 mm
Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,1 mm
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
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
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 Amount strands (wire) 42 Diameter of single wires 0,1 mm
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mm
Amount strands (wire) 42 Diameter of single wires 0,1 mm
Diameter of single wires 0,1 mm
Conductor crosssection (wire) 0.34 mm ²
$\mathbf{v} = \mathbf{r}$
Material conductor wire Stranded copper wire, bare
Conductor type (wire) strand class 6
Traversing distance (C-track) 5 m @ 25 °C horizontal
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
Nominal voltage power AC max. 300 V
AC withstand voltage power (wire - shield) 2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s
AC withstand voltage power (wire - wire) 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
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
No. of torsion cycles 2 Mio.
Torsion speed 35 cycles/min
Torsion stress ± 30 °/m

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: 2024-04-26

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk