

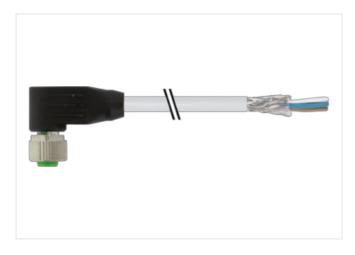
M12 female 90° A-cod. with cable shielded

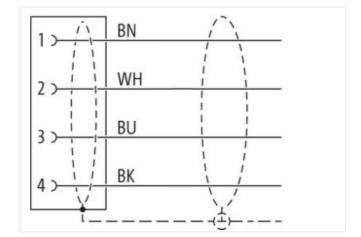
PUR 4x0.34 shielded gy UL/CSA+drag ch. 10m

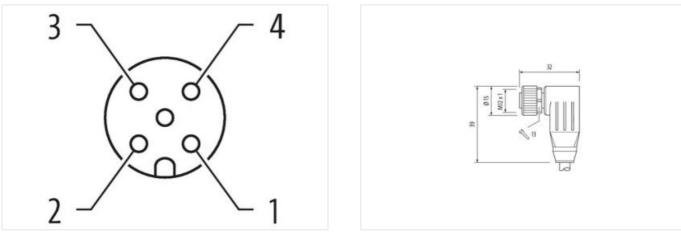
Female 90° M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-21

10 m

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Thread M12 x 1 Coding A Matrial PUR With across flats SW13 Dagree of protection (EN IEC 60529) IP68, IP67 Commercial dat E ECLASS 0.0 27278218 ECLASS 1.0 27060311 ECLASS 1.0 ECO01855 custom staff number 8544280 custom staff number 8644280 Curron coeffaing per context max. 60 V Operating voltage AC max. 60 V Operating voltage DC max.	Mounting method	inserted, screwed
Cading A Matorial PUH Wath across fats SW13 Degroe of protection (EN IEC 60593) PB65, IP66, IP67 Commercial data 2273218 ECLASS 6.0 2273218 ECLASS 7.0 2273218 ECLASS 7.0 2737218 ECLASS 7.0 2737218 ECLASS 7.0 27090311 ECLASS 7.0 27090311 ECLASS 7.1 27090311 ECLASS 7.2 2709031 Eclass 7.2 010	Family construction form	M12
Material PUF With across flats SW13 Degree of protection (EN EC 90529) IP65, IP67,	Thread	M12 x 1
With across Itals SVI3 Degree of protection (EN EC 60529) IP65, IP66K, IP67 Commercial data 22729218 ECLASS 7.0 22727218 ECLASS 7.0 27700311 ECLASS 7.0 27000311 ECLASS 7.1 27060311 ECLASS 7.2.0 27000311 ECLASS 7.0 27072182 Packaging unit 1 ECLASS 7.0 27072182 Packaging Unit 1 ECLASS 7.0 27072182 Packaging Unitisgo AC (UL islood) 30 V	Coding	Α
Dagies of protection (EN IEC 60529) IP65, IP66N, IP67 Commercial data FECIASS-6.0 22779218 ECIASS-7.0 2279218 ECIASS-6.0 2279218 ECIASS-6.0 2779218 ECIASS-6.0 2279218 ECIASS-7.0 2279218 ECIASS-7.0	Material	PUR
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27000311 ECLASS 9.1 27060311 ECLASS 10.1 27060311 ECLASS 11.1 27060311 ECLASS 12.0 27060311 CALSS 12.0 27060311 ECLASS 12.0 27060311 CALSS 12.0 0.0 Operating voltage AC (UL-listed) 30 V Carent oporating par centaut max. 4 A Installation foncetion 1 Maching ange voltage AC (UL-	Width across flats	SW13
ECLASS 6.0 27278219 ECLASS 7.0 27278219 ECLASS 6.0 27278219 ECLASS 6.0 27260311 ECLASS 6.10.1 27060311 ECLASS 7.10 27060311 ECLASS 7.10 27060311 ECLASS 7.10 27060311 ECLASS 7.11 27060311 ECLASS 7.12 27060311 ECLASS 7.13 27060311 ECLASS 7.14 27060311 ECLASS 7.15 27060311 ECLASS 7.10 27060311 ECLASS 7.10 27060311 ECLASS 7.11 27060311 ECLASS 7.10 27060311 ECLASS 7.10 27060311 ECLASS 7.10 27060311 ECLASS 7.10 27060311 ECLASS 7.0 27070311 ECLASS 7.0 27070311 ECLASS 7.0 27070311 ECLASS 7.0 20 V Operating voltage 0.0 Ernax. 60 V Operating voltage 0.0 Erna	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0. 27060311 ECLASS 5.10.1 27060311 ECLASS 5.10.1 27060311 ECLASS 5.10.1 27060311 ECLASS 5.12.0 27060311 Dreating voltage AC max. 60 V Operating voltage AC (LL-Islate) 30 V Operating voltage AC (LL-Islate) 30 V Current operating voltage AC (LL-Islate) 30 V Current operating voltage AC (LL-Islate) 30 V Evaluation of Conditi Evalet 10000	Commercial data	
EGLASS-8.0 27278218 EGLASS-9.0 27060311 EGLASS-9.0 27060311 EGLASS-10.1 27060311 EGLASS-11.1 27060311 EGLASS-12.0 60 V Operating voltage DC max. 61 V Deteot proteclon I Electrical	ECLASS-6.0	27279218
EGLASS 9.0 27060311 EGLASS 9.0.1 27060311 EGLASS 9.1.1 27060311 EGLASS 9.1.2.0 27060311 EGLASS 9.1.2.0 27060311 ETIM 8.0 EG001865 customs taff number 85444290 GTIM 4048979412582 Packaging unit 1 Electrical data Supply Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Current operating voltage AC (UL-listed) 10 V Device protection Electrical Material group (EC 60664-1) Additional condition protection degree 1,5 kV Mat	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS 11.1 27060311 ECLASS 12.0 27060311 ETM-5.0 EC001855 customs tarff number 85444290 GTIN 4048879412582 Packagin yunit 1 Electrical data Supply	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 404873412582 Packaging unit 1 Electrical data [Supply 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 per contact max. 40 A Installation Connocion Mouning set M12 x 1 Device protection [Electrical Additional condition protection degree inserted, screwed Poluion Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data [Material data Coating of Hiting nickel plated Coating of Hiting inserted, screwed, Shaking protection Mechanical data [Material Screw Connectors </td <td>ECLASS-9.0</td> <td>27060311</td>	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETM-5.0 EC001855 carstoms tarff number 8544230 GTIN 4048879412582 Packaging unit 1 Electrical data Supply 00 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC LUL listed) 30 V Operating voltage DC LUL listed) 30 V Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical Action offgree instantion (Electrical Action offgree) Additional contition protection degree 3 Pollution Degree 3 Rated aurge voltage 1,5 kV Material arcun (Electrical Action offgree) 1 Mechanical data Material data Conding on ickled plated Coating of titting nickled plated Coating of titting ickle data glated, screwed, Shaking protection Methanical data Mouning data Icm dire-casting Material screw connection Zinc dire-castin	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff rumber 8544230 GTIN 4048879412582 Packaging unit 1 Electical datal Supply Operating voltage AC max. 60 V Operating voltage DG max. 4 A Instaliation Connection Mouring 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 60604-1) 1 Mechanical data Material data Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection lengerature max. 85 °C Operating temperature min. 25 °C <	ECLASS-11.1	27060311
cusions tariff number 85444290 GTIN 4048879412582 Packaging unit 1 Electrical data [Supply Electrical data [Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical M12 x 1 Additional condition protection degree isserted, screwed Pollution Degree 3 Reted surge voltage 1, 5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Zinc die casting Material screw connection Zinc die casting Material screw connection Zinc die casting Mounting method in serted, screwed, Shaking protection Electrical data Mounting data Zinc die casting Mounting method in serted, screwed, Shaking protection Electrical screwed, Shaki	ECLASS-12.0	27060311
GTIN 4048879412582 Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Instaliation Connection 4A Instaliation Connection 4A Additional condition protection degree inserted, screwed Polution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Methani group (IEC 60664-1) 1 Methanical data Material data Mickeled Coating of fitting nickel plated Locking material Zinc die-casting Methanical data Mounting data Sincerwed, Shaking protection Environmental characteristics Climatic Qincating Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. 45 °G Additional condition tem	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 60 V Operating voltage AC (LL-listed) 30 V Operating voltage DC (LL-listed) 30 V Operating voltage DC (LL-listed) 30 V Current operating per contact max. 4 A Installation Connection Installation Connection Device protection Electrical Mathematical condition protection degree Additional condition protection degree inserted, serwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Methal group (IEC 60664-1)	customs tariff number	85444290
Device of table [Supply] Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation [Connection Installation [Connection degree] Bevice protection [Electrical M2 x 1 Additional condition protection degree instred, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Methrial data Instellation [Connection Methrial of I Material data Instellation [Connection] Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Inserted, screwed, Shaking protection Porating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °	GTIN	4048879412582
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-isted) 30 V Operating voltage AC (UL-isted) 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 Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Zinc die-casting Coating of fitting nickele plated Locking material Zinc die-casting Material screw connection 25 °C Operating temperature max. 85 °C Additional condition temperature	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 Installation Connection 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) 1 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 Qperating temperature max. Qperating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cab	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 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) 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 Mounting method inserted, screwed, Shaking protection Environmettal characteristics Climatic Coating on cable quality Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection 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 Inserted, screwed Coating of thing Nickeled Inserted, screwed, Screwed Coating locking Nickeled Inserted, Screwed, Screw	Operating voltage DC max.	60 V
Current operating per contact max. 4 A Installation Connection 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 strew connection Zinc die-casting Material strew connection Zinc die-casting Methalicital characteristics Climatic Coating locking Operating temperature max. 85 °C Operating temperature max. 85 °C Addition condition temperature range depailing on cable quality Important Installation notes Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Note on bending radius Din EN 61076-2-101 (M12)	Operating voltage AC (UL-listed)	30 V
Installation Connection Mounting set M12 x 1 Device protection Electrical inserted, screwed Additional condition protection degree iserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Iserted 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 Gereding on cable quality Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention:: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Protect the connectors by suitable measur	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 Vickeled Coating of fitting nickel plated Locking material Zinc die-casting Metenical data Mounting data Vickeled Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Vickeled Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Vice the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius<	Current operating per contact max.	4 A
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 Nickel plated Coating of fitting coating locking Nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Nete on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.<	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 Coating locking Nickel plated Coating of fitting coating locking Nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Nete on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.<	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 I Coating locking Nickeled Coating locking Nickeled Coating uf 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 -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Product standard DIN EN 61076-2-101 (M12)	-	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Image: Content of		inserted screwed
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 Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on 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)	·	
Material group (IEC 60664-1) I Mechanical data Material data Vickeled 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 Vickeled Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12)		
Mechanical data Material data 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 Important installation action Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12)		
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 Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Product standard DIN EN 61076-2-101 (M12)		
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 -25 °C Operating temperature min. -25 °C Additional condition temperature range depending on cable quality Important installation notes environmental loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12)	•	Niekeled
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. Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12)		
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 min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Vote on strain relief Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12)		
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 -25 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12)	8	-
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Vote on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Product standard DIN EN 61076-2-101 (M12)		
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12)		
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12)	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12)	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12)	Operating temperature min.	-25 °C
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12)	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12)	Additional condition temperature range	depending on cable quality
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)	Important installation notes	
Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12)	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12)	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12)	Conformity	
		DIN EN 61076-2-101 (M12)
	Installation Cable	

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: 2024-05-21

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Cable identification 241 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue, white Cable weigth 50,6 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,3 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5% 70 ± 5 Shore D Shore hardness wire insulation Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 0,1 mm Diameter of single wires Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C | horizontal 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 -2 kV @ 60 s iacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 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 UL 1581 § 1100 FT2 | UL 1581 § 1090 | IEC 60332-2-2 Flame resistance chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 | Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m

Torsion speed

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: 2024-05-21

35 cycles/min

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be