

4

Y-Distributor M12 male / M12 female 0° A-cod.

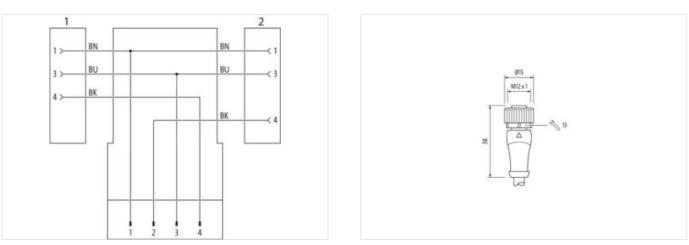
PUR 3x0.34 bk UL/CSA+drag ch. 0.6m

Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request 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

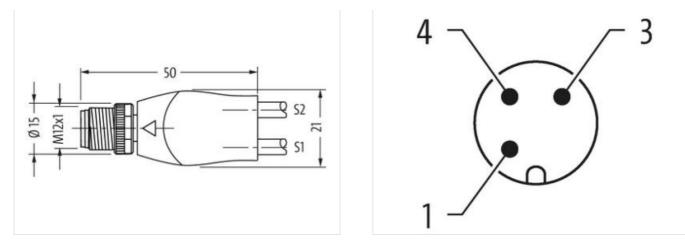
Illustration





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: 2024-05-14





Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	

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: 2024-05-14



ECLASS 7.022729219ECLASS 8.022729278ECLASS 8.1027060313ECLASS 10.127060313ECLASS 11.227060313ECLASS 12.027060313ECLASS 12.027070317ECLASS 12.027070317ECLASS 12.027070317ECLASS 12.0250 VOperating voltage AG max.250 VOperating voltage AG max.250 VOperating voltage AG max.250 VOperating voltage AG max.4ADeparing voltage AG full. Evel30 VOperating voltage AG max.4ADeparing voltage AG full. Evel30 VCorrard operating per context max.4ADeparing voltage AG full. Evel30 VCorrard operating per context max.4ADeparing voltage AG full. Evel30 VCorrard operating per context max.4ADeparing voltage AG full. Evel30 VCorrard operating per context max.4ADeparing voltage AG full. Evel30 VCorrard operating per context max.4ADefaring Voltage AG full. Evel30 VCorrard operating per context max.4A <th>ECLASS-6.0</th> <th>27279218</th>	ECLASS-6.0	27279218
ECA.SS.9.0 2790031 ECA.SS.9.0.1 27000313 ECA.SS.9.1.1 27000313 ECA.SS.9.1.2 27000313 ECA.SS.9.1.3 ECO.SS.5 castors Inff mober 85644200 Castors Inff mober 85644200 Castors Inff mober 85644200 Castors Inff mober 85644200 Castors Inff mober 850 V Operating voltage AC max. 250 V Operating voltage CC (UL-Istee) 30 V	ECLASS-7.0	27279218
ECA.SS:0.1 27660313 ECA.SS:2.0 27660313 ETM 5.0 ECO01855 catoms tarff momber 85444200 GTM 404879157421 Paokaging unit 1 Electical star Supply Control Startf momber Electical star Supply Startf Momber Operating voltage AC max. 250 V Operating voltage AC (UL Islaed) 30 V Chrend and Startf Momber 85444200 Desting voltage AC (UL Islaed) 30 V Operating voltage AC (UL Islaed) 30 V Chrend and star Be contract max. 4 A Diagnostics Stats Indication LD Notification LDD no Installation Connection Mice X 1 Device protection [Electricat] Addional condition protection degree Addional condition protection degree 3 Read agree voltage 2 S X V Material group (Co Bob4-1) 1 Mechanicad data Material data FMA Coating of timp on Isolap Jated S K V Materal group (Co Bob4-1) In certasing <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
ECI.ASS 11.1 27060313 ECI.ASS 12.0 27060313 ECI.ASS 12.0 ECO01855 custors faill number 85444280 GTIN 404879157421 Packaging unt 1 Eccretical data [Supply	ECLASS-9.0	27060311
ECLASS-12.0 27060313 ETIM-5.0 ECO01356 customs tarfil mumber 85444320 GTIN 4048573157421 Packarging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage OC max. 4 A Deprotection month Control operating voltage OC max. 4 A Deprotection protection degree no Installation (Connection month Matini agram (PEC 60664-1) I Device protection Electrical Additional condition protection degree Additional condition protection degree S Rated agram (PEC 60664-1) I Device protection Electrical Additional condition (PEC 60664-1) Material gasket FKM Costing ocking nickel plated Material gasket FKM Cop	ECLASS-10.1	27060313
ETM 6.0 EC001885 custom staff number 85444290 GTIN 40489757421 Packagny unit 1 Electrical data [Suppiy Image: Comparity on Suppi RAC max. Operating voltage AC (ILL-Isted) 30 V Operating voltage AC (ILL-Isted) 30 V Operating voltage AC (ILL-Isted) 30 V Current operating por contact max. 4 A Diagnostics Image: Comparity Package Comparity Pac	ECLASS-11.1	27060313
customs tailf number 85444290 GTN 4048873157421 Penkaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 30 V Corrent operating voltage DC (UL-listed) 30 V Operating voltage DC max. 4 A Diagnostics Status indication LED no Installation Connection Mil 2 x 1 Device protection Electrical Additional condition protection degree inserted, scrowed Pollution Dagree 3 Reted Surge voltage 2,5 HV Material graching Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking Prote devices protection Electrical Material aske FKM Coating locking Size de casting Mechanical data Mouritid data <td>ECLASS-12.0</td> <td>27060313</td>	ECLASS-12.0	27060313
G11N 4048879157421 Packaging unit 1 Packaging unit 1 Electrical fals [Supply 250 V Operating voltage AC max. 250 V Operating voltage AC (Lul-listed) 30 V Diagnostics V Status indication LED no Installion I Connection M12 x 1 Device pretection Electrical V Addition protection degree 3 Addition protection degree 3 Caladi surge voltage 2.5 kV Material group (EC 60664-1) 1 Materi	ETIM-5.0	EC001855
Packaging unit 1 Electical data Supply 250 V Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Dagoostics 5 Status indication LED no Installation Connection M12 x 1 Device protection Electrical 4 Additional condition protection degree inserted, screwed Polution Degree 3 Ratef auge voltage 2.5 kV Material group (Electrical) 1 Material group (Electrical) 1 Material group (Electrical) 2.5 kV Material group (Electrical) 2.6 kV	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-Sisch) 30 V Operating voltage DC (UL-Sisch) 30 V Current operating voltage DC (UL-Sisch) 30 V Current operating voltage DC (UL-Sisch) 30 V Current operating per contact max. 4 A Deagoestic T Stalus indication LED no Installation I Connection Max 1 Device protection [Electrical T Policion Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Moterial data Mickeld Casting toxing Nickeld Casting toxing Zinc die-casting Material group (IEC 60664-1) Zinc die-casting Material group (IEC 60664-1) Inselds data Material group (IEC 60664-1) Inselds of a floating Material group (IEC 60664-1) Inselds crowed Shaking protection Casting of fittig Inselds crowed Shaking protection Material group (IEC 606664-1) Inselds crowed, Shaking protection	GTIN	4048879157421
Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics mo Status indication LED no Instillation I Connection Mol 2x 1 Perice protection I Flectrical Mol 2x 1 Device protection I Flectrical inserted, screwed Pollution Dagree 3 Rated surge voltage 2,5 KV Material group (EC 66664-1) 1 Mechanical data I Material data Nickelp d Coating O kting Nickelp d Material group Comporture max. 25 °C Operating temperature mix. 25 °C Operating temperature mix. 25 °C Operating temperature mix. 65 °C Operating temperature mix. 65 °C Operating temperature max. 65 °C	Packaging unit	1
Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Image: Contact max. 4 A Diasnalization (Connection) Image: Connection Market Markt Market Markt Market Market Market Market Market Markt Market Ma	Electrical data Supply	
Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Dispositio Image: Contact max. Status indication LED no Installation [Concetion Image: Concetion Mounting set M12 x 1 Deve protection [Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data [Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking Inc die-casting Material soew connection Zinc die-casting Material soew connection Zinc die-casting Material soew connection Sine ed. soerweed, Shaking protection Environmental characteristics [Climatic Goperating insperature min. Operating lemperature min. 25 °C Operating lemperature mi	Operating voltage AC max.	250 V
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Stabs indication LED Stabs indication LED no Installation Connection M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated aurge voltage 2,5 kV Material group (IEC 66664-1) 1 Mechanical data Material data Coating of timing Coating of timing nickel plated Material graup (IEC 66664-1) 1 Mechanical data Material data Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material gasket Jonatie-casting Mechanical data Mounting data Goreating on cable quality Mounting method inserted, screwed, Shaking protection Doparating temperature min. -25 °C Oporating temperature min. -25 °C Oporating temperature min. -25 °C Oporating temperat	, , ,	250 V
Current operating per contact max. 4 A Dispositics status indication LED no Installation Connection Mounting set M12 x 1 Device protection Electrical additional condition protection degree inserted, screwed Pollution Degree 3 additional condition protection degree 2.5 kV Material group (IEC 60664-1) 1 I Mechanical data Material data Coaling of fiting nickel plated Coaling of fiting nickel plated Coaling of fiting nickel plated Material gasket FKM Coaling of fiting mickel plated Material gasket FKM Coaling of fiting mickel plated Mutring method inserted, screwed, Shaking protection Environmetal characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min.<		30 V
Diagnostics Status indication LED no Installation I Connection Installation I Connection Mouning set M12 x 1 Device protection I Electrical inserted, screwed Additional condition protection degree isserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (EG 60664.1) I Mechanical data I Material data I Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics [Climatic Coating ion cable quality Mounting method inserted, screwed, Shaking protection Operating temperature max. 85 °C Additional condition temperature may. 65 °C Operating temperature max. 85 °C Additional condition temperature may. 65 °C	Operating voltage DC (UL-listed)	30 V
Status indication LED no Installation I Connection Mult x 1 Device protection Electrical Mult x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Mickeled Coating locking Nickeled Coating locking Sinc die-casting Material gasket FKM Locking atterits Sinc di	Current operating per contact max.	4 A
Status indication LED no Installation I Connection Mult x 1 Device protection Electrical Mult x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Mickeled Coating locking Nickeled Coating locking Sinc die-casting Material gasket FKM Locking atterits Sinc di	Diagnostics	
Installation Connection Mouning set M12 x 1 Device protection Electrical inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Internation data Material group (IEC 60664-1) Mechanical data Material data Coating of fitting Coating of fitting nickel plated Material group (IEC 60664-1) Incele plated Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Evitronmental characteristics Climatic Nounting method Operating temperature main. -25 °C Operating temperature max. 85 °C Additional condition temperature may. 85 °C Additional condition temperature max. 85 °C Additional condition temperature may. 85 °C Additional condition temperatur		no
Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Nickeled Coating of fitting Nickeled Coating of fitting Nickeled Coating of fitting Nickeled Coating of fitting Nickeled Material gasket FKM Coating of fitting Nickeled Mounting method Iserted, screwed, Shaking protection Material gasket FKM Mounting method iserted, screwed, Shaking protection Material gasket FKM Mounting method iserted, screwed, Shaking protection Material gasket FKM Operating temperature min. -25 °C Coating of fitting temperature max. 85 °C Additional condition temperature range depending on cable quality Material gasket Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention:: Observe the permissib		
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating (IC 60664-1) Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature may. 85 °C Additional condition temperature may. 85 °C Note on stra		M12 × 1
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating locking nickel plated Material gasket FKM 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. 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 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. Nate 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	-	
Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection 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 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. Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable Ga33 Cable Type 3 Jacket Color black Type of Cert		
Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data [Material data Coating locking Nickeled Coating locking Nickeled Coating locking Material gasket FKM Coating locking Locking material Zinc die-casting Coating locking 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 Important installation notes Note on strain relief Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Installation [Cable Color Product standard DIN EN 61076-2-101 (M12) Installation [Cable Color 633 Cable forpe 3 Jacket Color black Type of Certificate cURus		
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Material gasket FKM 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 max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 Imateriation Cable Cable diselification 633 Cable inflication 633 Cable inflication 633 Cable ofo	-	
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Cooperating temperature max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangared by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Ga3 Cable identification 633 Cable IColor black T		2,5 KV
Cating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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. Contormity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Gasa Cable identification 633 Cable identification 633 Cable Color black Type of Certificate cuRus		
Coating of fitting nickel plated Material gasket FKM Looking 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 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 Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable 3 Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus		
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Comperating temperature min. Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Material relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 633 Cable Identification 633 Cable Color black Type of Certificate cURus		
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. 85 °C Additional condition temperature may depending on cable quality Important installation notes Mote 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 Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 633 Cable Interfication 633 Cable Type 3 Jacket Color black Type of Certificate cURus 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 Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable 3 3 Cable identification 633 3 Cable Type 3 3 Jacket Color black URus Type of Certificate cURus CuRus		
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus		-
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 Mounting method 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) Installation Cable 633 Cable identification 633 Cable IType 3 Jacket Color black Type of Certificate cURus		Zinc die-casting
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) Installation Cable Cable identification Cable identification 633 Cable IType 3 Jacket Color black Type of Certificate cURus	Mechanical data Mounting data	
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) Installation Cable Cable identification Cable IType 3 Jacket Color black Type of Certificate cURus	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 Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cuRus	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 Product standard DIN EN 61076-2-101 (M12) Installation Cable 633 Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	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 Product standard DIN EN 61076-2-101 (M12) Installation Cable 633 Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	Operating temperature max.	85 °C
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityImage: ConformityProduct standardDIN EN 61076-2-101 (M12)Installation Cable633Cable identification633Cable Type3Jacket ColorblackType of CertificatecuRus	Additional condition temperature range	depending on cable quality
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 633 Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	Important installation notes	
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 633 Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus		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) Installation Cable Cable identification Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	Note 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) Installation Cable Cable identification Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	Conformity	
Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus		DIN EN 61076-2-101 (M12)
Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	Installation Cable	
Jacket Color black Type of Certificate cURus		633
Type of Certificate cURus	Cable Type	3
	Jacket Color	black
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	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: 2024-05-14



Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	29,7 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)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 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	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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: 2024-05-14