

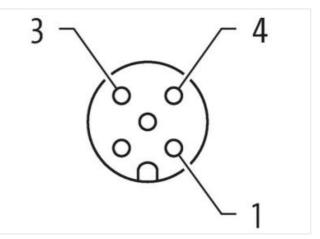
Y-Distributor M12 male / M12 female 90° A-cod.

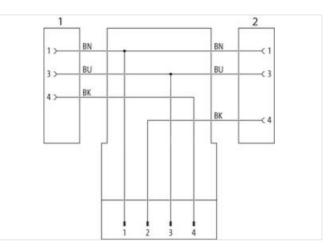
PUR 3x0.34 bk UL/CSA+drag ch. 2m

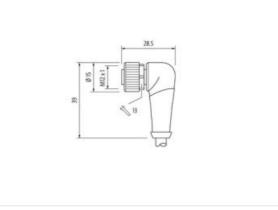
Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





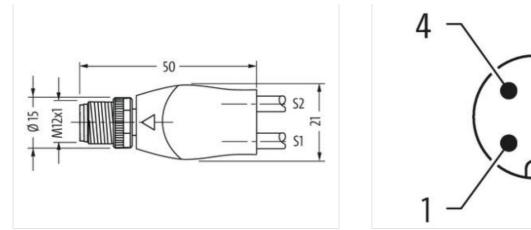




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



3



Product may differ from Image



Cable length	2 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: 2024-05-19



ELASS-7.0 2729219 ECLASS-7.0 2729219 ECLASS-8.0 2729219 ECLASS-8.0 27090313 ECLASS-1.0 27090313 CONTAS CONTASS autors EMT number 85444290 OTTM 4048079165165 Packaging unt 1 Electrical datal Suppy Operating variages AD max Operating variages AD max 250 V Operating variages AD max 250 V Operating variages AD max 250 V Operating variages DC max 4 A Diagnositic Statis indication LED no Installation I Concellon Marcell AD	ECLASS-6.0	27279218
ECLASS 9.0 2960313 ECLASS 10.1 2760313 ECLASS 11.1 2760313 ECLASS 12.0 2500313 ECLASS 12.0 2500313 Carlot 0302 404879156165 Packaging unit 1 Electrical data [Supply	ECLASS-7.0	27279218
ECLASS:10.1 27060313 ECLASS:12.0 27060313 ETM 5.0 EC001855 cataors tarfi mumber 8544420 GTM 404879156165 Packaging unit 1 Electrical and Supply Comparison and Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (U. 45460) 30 V Corrent operating root contact max. 4 A Diagnostics 250 V Control to State pre contact max. 4 A Diagnostics State infocation LED State infocation LED no Installation / Contection degree Instrut. Additional condition protection degree 3 Rated suppe voltage DEOH-1 1 Mechanical data Material data Contage to State 1 Contage voltage 2 StaV Methanical data Material data Contage to State 1 Mechanical data Material data Contage to State 1 Mechanical data Material data Contage to State 1 Mechanical data Material datata Cont	ECLASS-8.0	27279218
ECLASS-111 2964031 ECLASS-12.0 27660313 ECLASS-12.0 27660313 ECLASS-12.0 27660313 ECLASS-12.0 27660313 ECLASS-12.0 27660313 ECLASS-12.0 276603155 Castors tarff under 85444290 GTIN 404879158165 Packago punt 1 Etercical data [Supply Company outpage AC max. Operating voltage AC max. 250 V Operating voltage AC UL-listed 30 V Carrent operating voltage AC (UL-listed) Mounting at Market (AC (UL-listed) Mounting at Market (AC AC (UL-listed) Mounting at Market (AC (UL-listed) Mounting at Market (AC (UL-listed) 30 V	ECLASS-9.0	27060311
ECLASP 12.0 27060313 ETM-6.0 ECC01365 customs tarf murber 65444200 GTM 4048573156185 Peckaging unit 1 Electrical data Supply Oparating voltage AC max. 250 V Operating voltage DC max. 250 V Coperating voltage DC max. 4 A Diagnostics Status indication LED no Installation Consolina Additional consoling or context mage: 3 Rated argue voltage 2,5 KV Material draph (EC 60564+1) I Mechanical data Material data Coating of fitting nickel plated Material graph (EC 60564+1) I Material graph (EC 60564+1) I Mechanical data Material datal Exec 60564+1 <	ECLASS-10.1	27060313
ETM-5.0 EC0018S5 catetoms tartif number 85444200 GTN 4048479516165 Packaging und 1 Esertical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Corrent operating voltage AC (UL-listed) 30 V Carrent operating voltage AC (UL-listed) 30 V Carrent operating voltage AC (UL-listed) 30 V Carrent operating voltage AC (UL-listed) 30 V Extris indication LED no Installiation I Connection Martin set Morting set M12 x 1 Device protection I Electrical Electrical data Marting data Additional condition protection degree iserted, surveved Polution Degree 3 Rated Surge voltage 2, Si V Material group (EC 60664+1) 1 Metheral group opticin data <	ECLASS-11.1	27060313
statistical fundber 85444200 GTIN 4048073169166 Packaging unt 1 Electrical data Supply	ECLASS-12.0	27060313
GTNv 4048879156165 Packagin unit 1 Electrical dial Supply Electrical dial Supply Operating voltage AC max. 250 V Operating voltage AC (Lu-listed) 30 V Operating voltage AC (Lu-listed) 30 V Operating voltage AC (Lu-listed) 30 V Current operating oper contact max. 4 A Diagnostic Image: Contact max. Status indication LED no Installation Connection Image: Contact max. Device protection Electrical Image: Contact max. Device protection relection and the x to the contact max. Pollution Degree Pollution Degree 3 Pollution Degree 3 Costing dofting Nickeled Costing of fitting noickel plated Material gasch FKM Loaking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection temperature min. 45° °C Operating condition temperature min. 45° °C Operat	ETIM-5.0	EC001855
Packaging unit 1 Electrical datal Suppy 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-Island) 30 V Current operating per contact max. 4 A Despecting Current operating per contact max. Mathia ID Connection no Mounting set M12 x 1 Device protection IElectrical	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (LL-listed) 30 V Current operating per contact max. 4 A Disposition Installation I Connection Installation I Connection Installation I Connection I Rectrical Device protection I Electrical Installation I Connection I Rectrical Additional condition protection degree inserted. screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (EC 60664-1) 1 Mechanical data Material data Kekeld Coating of thing nickel plated Coating of thing nickel plated Material gasket FRM Locking material Zine clie-casting Mechanical data Mounting data inserted, screwed, Shaking protection Material gasket FRM Locking material Zine clie-casting Mechanical data Mounting data	GTIN	4048879156165
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 Carrent operating per contact max. 4 A Diagnostics Inscillation ICD Status indication IED no Inscillation I Connection Monting set Additional contidion protection degree inscrited, screwed Policiton Degree 3 Taste studie (EG 6064+1) 1 Material grapp (IEG 6064+1) 1	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. Status indication LED no Installation (Connection Image: Contact max. Additional condition protection degree inserted, screwed Polution Dogree 3 Rated surge voltage 2,5 kV Material group (ICC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Material gasket FKM Locking material Zinc die casting Material screw connection Zinc die casting Material gasket FKM Coding locking is group and is	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Mounting set Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Retact surge voltage 2,5 kV Material group (IEC 00064-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating locking Zinc die-casting Material gasket FKM Material gasket FKM Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Note on strain relief Protect the connactors by suitable measures from mecha	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics no Installation ICD no Installation ICO no Installation ICO Multing set Mounting set M12 x 1 Device protection IElectrical Additional condition protection degree Additional condition protection degree inserted, sorewed Polution Degree 3 Rated surge voltage 2,5 kV Material group (EC 60664-1) I Mechanical data Material data Mounting method Coating locking Nickeled Coating of fitting nickel plated Material gaska FKM Locking material Zinc die-casting Muechanical data Mounting data inserted, sorewed, Shaking protection Environmental characteristics Climatic Coating on cable quality Mounting method inserted, sorewed, Shaking protection Environmental characteristics Climatic Coating depending on cable quality Important installation notes Attention:: Observe the permissible bending radii when la	Operating voltage DC max.	250 V
Current operating per contact max. 4 A Diagnostics Status indication LED no 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 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fiting Coating of fiting nickel plated Material grave voltage 2,5 kV Material grave interve voltage 2,5 kV Material grave titing nickel plated Coating of fiting nickel plated Material grave connection Zinc die-casting Material grave wonnection Zinc die-casting Mechanical data Mounting data Site Comparating emporature main. Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature main. Operatin temperature main. -25 °C Operatin temperature main. -25 °C	Operating voltage AC (UL-listed)	30 V
Diagnostics Status indication LED no Installation I Connection Installation I Connection I Section I Sectio	Operating voltage DC (UL-listed)	30 V
Status indication LED no Installation I Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Interchantical data Material data Coating locking Nickeled Incertain Coating locking Coating locking Nickeled Incertaing and the coating Coating locking Nickeled Incertaing and the coating Material gasket FKM Incertaing and the coating Mounting method inserted, screwed, Shaking protection Incertaing and the coating Mounting method inserted, screwed, Shaking protection Incertaing and the coating and the coat	Current operating per contact max.	4 A
Status indication LED no Installation I Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Interchantical data Material data Coating locking Nickeled Incertain Coating locking Coating locking Nickeled Incertaing and the coating Coating locking Nickeled Incertaing and the coating Material gasket FKM Incertaing and the coating Mounting method inserted, screwed, Shaking protection Incertaing and the coating Mounting method inserted, screwed, Shaking protection Incertaing and the coating and the coat	Diagnostics	
Installation Connection Mounting set M12 x 1 Device protection Electrical Inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Important installation notes Operating temperature main. -25 °C Operating temperature mas. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Important installation notes Note on shain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Coserew the permissible bending radii when laying cables, as the IP pr		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 60864-1) I Mechanical data Material data Coating of fitting nickel plated Coating of fitting nickel plated Coating of fitting nickel plated Material gasket FKM Coating of fitting Nickeled Locking material Zino die-casting Mechanical data Mounting data Mounting material Zino die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmetal characteristics Climatic Operating temperature min. -25 % C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Methalization relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites. Note on bending radius Attending rodie scess bending forces. Product standard DIN EN 61076-2-101 (M12) Installation ICable Electrification G33 <td></td> <td></td>		
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 10cKing Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material gasket FKM Downing method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating temperature min. Operating temperature max. 85 °C Additional contion temperature range depending on cable quality Important Installation notes Retention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending for Cost. Note on strain relief 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 enda		M12 x 1
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data [Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket Material gasket FKM Locking material Locking material Zinc die-casting Material screw connection Material screw connection Zinc die-casting Mechanical data [Mounting data Inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature main. -25 °C Operating temperature max. 85 °C Additional condition temperature may. 85 °C Additional condition temperature may. 85 °C Additional condition temperature may. 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. Contormity Installation ICable Cable Type Product standard DIN EN 61076-2-101 (M12)		
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 Oating Joking Nickeled Coating of fitting nickel plated 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 min. -25 °C Operating temperature max. A65 °C Operating temperature max. 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. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		inserted, screwed
Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data [Material data Coating of Kiting Nickeled Nickeled Coating of fitting nickel plated 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 min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on bending radius 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 rype Cable rype 3 Jacket Color black Type of Certificate cURus		
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating locking Nickel plated 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 min. 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 Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable rype Cable rype 3 Jacket Color black Type of Certificate cURus		2.5 kV
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature main. 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 Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable Type 3 Jacket Color black Type of Certificate cURus		
Coating of fitting nickel plated 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 min. -25 °C Operating temperature max. 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. 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 Gable identification Cable identification 633 Cable Color black Type of Certificate cuPus		
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 Material 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 Product standard DIN EN 61076-2-101 (M12) Installation Cable Gable identification Cable identification 633 Cable identification 633 Cable Color black Type of Certificate cURus	Coating locking	Nickeled
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 Material 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 Product standard DIN EN 61076-2-101 (M12) Installation Cable Gable identification Cable identification 633 Cable identification 633 Cable Color black Type of Certificate cURus		nickel plated
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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 Installation Cable Cable identification Cable identification 633 Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate 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 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 Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 633 Cable Color 3 Jacket Color black Type of Certificate cURus	Locking material	Zinc die-casting
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.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.ConformityProduct standardProduct standardDIN EN 61076-2-101 (M12)Installation Cable633Cable identification633Cable I Type3Jacket ColorblackType of CertificatecURus	Material screw connection	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 min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote 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.ConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURus	Mounting method	inserted, screwed, Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote 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.ConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURus	Environmental characteristics Climatic	
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) Installation Cable Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus	· · · ·	-25 °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 Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 633 Cable Type 3 Jacket Color Jacket Color black CURus	· · · ·	
Important installation notesNote 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.ConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURus		
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.ConformityInstallation CableProduct standardDIN EN 61076-2-101 (M12)Installation Cable633Cable identification633Cable Type3Jacket ColorblackType of CertificatecURus		
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURus	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
Conformity endangered by excessive bending forces. Product standard DIN EN 61076-2-101 (M12) Installation Cable 633 Cable Identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus		
Product standardDIN EN 61076-2-101 (M12)Installation CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURus	Note on bending radius	endangered by excessive bending forces.
Installation CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURus	Conformity	
Cable identification633Cable Type3Jacket ColorblackType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type3Jacket ColorblackType of CertificatecURus	Installation Cable	
Jacket Color black Type of Certificate cURus	Cable identification	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: 2024-05-19



Stranding	3 wires twisted
wire arrangement	brown, black, blue
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
Traversing distance (C-track)	10 m @ 25 °C horizontal
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: 2024-05-19