

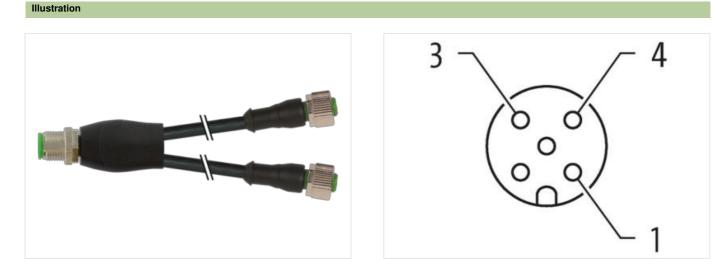
Y-Distributor M12 male / M12 female 0° A-cod.

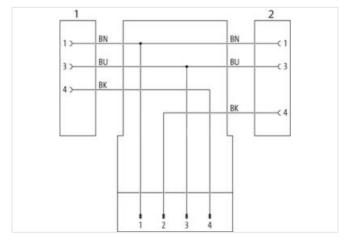
PUR 3x0.34 bk UL/CSA 0.3m

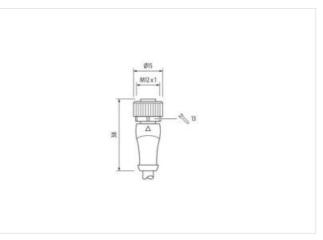
⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

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

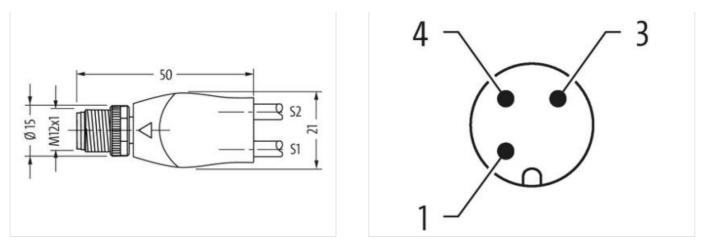






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02





Product may differ from Image



Cable length	0,3 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: 2024-05-02



ECLASS 6.1 2279218 ECLASS 6.0 2270218 ECLASS 6.0 2709013 ECLASS 6.0 27090313 ECLASS 5.1 27090313 ECLASS 5.2 27090313 ECLEAS 5.2 27090413 Electrical class 5.2 27090413 Operating volage 5.2 50 Electrical class 5.2 50 Electrical class 5.2 50 Electrical class 5.2	ECLASS-6.0	27279218
ECLASS 9.0 2728218 ECLASS 9.0 27060313 ECLASS 9.0 27060313 ECLASS 9.1 27060313 ECLASS 9.1 27060313 ECLASS 9.1 27060313 ECLASS 9.0 27060313 ETM 5.0 ECO01855 catabra taff number 8564200 GTM 4048279157513 Packaging unit 1 Electrical dia [Supply Electrical and [Supply Caperating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage CC max. 4 A Diagnostic Image Contact max. Verent operating for critact max. 4 A Diagnostic Image Contact max. Statis indication (ED no Installation (Contection Protoction digoree 3 Matrial statis statis in (Contection Protoction digoree 3 Reletation (Edont Place Contact Contact max. 45 KV<	ECLASS-6.1	27279218
EIC.ASS 9.0 27900313 EGLASS 10.1 27000313 EGLASS 11.1 27000313 EGLASS 12.0 27000313 EGLASS 12.0 27000313 EGLASS 51.2.0 27000313 EGLASS 51.2.0 27000313 EGLASS 12.0 27000313 EGLASS 12.0 27000313 EGLASS 12.0 27000313 EGLASS 12.0 27000313 EGLASS 11.1 040427157513 Carrent operating voltage AG max. 260 V Operating voltage AG CutLined) 30 V Addinal condition LUD no Installation (Connection Instend, sorewell Material group (EC 60064 1) 1 Material group (EC 60064 1) 1	ECLASS-7.0	27279218
ECLASS-10.1 20060313 ECLASS-12.0 20060313 ETMA-6.0 ECO01855 Cuatoms tarff mother 86444200 GTIN 4048079157513 Packaging unit 1 Electrical star [Soppi) Control tarff mother Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-lated) 30 V Chrent operating voltage AC (UL-lated) 30 V Operating voltage AC (UL-lated) 30 V Chrent operating voltage CC (UL-lated) 30 V Material oper (UL-lated) 30 V Star in discin of target CC (UL-lated) 30 V Material operatoperatoperatoperatoric operatoperatoperatoperatoperatoperatoper	ECLASS-8.0	27279218
ECLASS-11.1 27000313 ECLASS-12.0 27000313 ECLASS-12.0 ECO001865 Castons staff number 85442890 GTIN 4048879167513 Packaging unit 1 Electrical data [Suppy U Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (ML-Rited) 30 V Operating voltage AC (ML-Rited) 30 V Current operating voltage AC (ML-Rited) 30 V Statis indication LED no Installation I Connection Monting set Moting set M12 × 1 Device protection I Electrical Instruct Accound Accou	ECLASS-9.0	27060313
ECLASS-12.0 27060313 ETMA.6.0 ECO01865 castoms tarff number 8544280 GTM 444879157513 Packaging unit 1 Electrical dia I Suppy Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Corrent operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Corrent operating per contact max. 4 A Diagnostic Status indication LED no Installation Connection Mouring get M12 x 1 Device protection Electrical Additional condition protection degree insertid, screwed Polution Dagroe 3 Rated surge voltage 2,5 kV Material gastel FKM Costing locking Nickeled Costing locking Nickeled Costing locking Nickeled Costing locking Nickeled Costing locking Sinc discesting Material	ECLASS-10.1	27060313
ETM-6.0 EC001855 cations staff number 6544280 GTIN 4948279/7513 Packagn unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) no Installion I Connection no Installion I Connection instar/Lot, screwod Pollution portocion degree instar/Lot, screwod Pollution portocion degree 3 Rated screw voltage 2, EV Material gaski FKM Locking material Zinc dic casting Material screw vortine ion Zinc dic casting Material screw vortine ion	ECLASS-11.1	27060313
customs tariff number 85444290 GTN 4448879157513 Packaging unk 1 Electrical data Supply	ECLASS-12.0	27060313
GTN 4048879157513 Packagin unit 1 Electrical (all gap AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (LL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation I Connection Monting set M12 x 1 Device protection I Electrical A Additional condition protection degree inserted, screwed Polution Degree 3 Ratef surge voltage 2.5 kV Material group (EC 60664.1) 1 Mechanical data Material data Coating of fitting nickel plated Material group (EC 60664.1) Material group (EC 60664.1) 1 Mechanical data Material data Coating of fitting nickel plated Material grasket FKM Lockaling Coating of fitting nickel plated Material grasket FKM Lockaling Coating of fitting Material grasket	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply	customs tariff number	85444290
Electrical data Supply 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 Diagnostic Image: Contact max. Status indication LED no Installion Connection Image: Contact max. Device protection Electrical Image: Contact max. Additional condition protection degree inserted. screwed Poliution Degree 3 Rated surge voltage 2.5 kV Material group (EC 6064-1) 1 Mechanici data Metried data Coating locing Coating locing in titing nickel plated Coating locing in titing nickel plated Material group (EC 6064-1) Image: Coating locing data Material gasket FKM Coating locing in titing nickel plated Material gasket Image: Coating locing data Material gasket Image: Coating locing data Material gasket Image: Coating locing data	GTIN	4048879157513
Operating voltage AC max. 260 V Operating voltage DC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Installation ILD Status indication LD no Installation I Connection Installation I Connection I Inserted, screwed Polution Degree 3 Ratio surge voltage 2.5 KV Material gasted S.KV Material gasted S.KV Material gasted S.KV Material gasted S.KV Material gasted F.KM Looking material Zinc die-casting Material gasted F.KM Looking material Zinc die-casting Mounting material Zinc die-casting Mounting material charlowout (Sing Sing Sing Sing Sing Sing Sing Sing	Packaging unit	1
Operating voltage DC max. 250 V Operating voltage AC (UL-Isted) 30 V Current operating per contact max. 4 A Disposite Status indication LED Status indication LED no Installation Connection Mounting set Mounting set M12 x 1 Development Inserted, screwed Polution Degree 3 Rated surge voltage 2.5 kV Material group (EC 60684-1) I Mechanical data [Material data Mounting set Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Meterial gastet FKM Locking material Zinc clie-casting Material screw connection Zro: clie-casting Mounting method Inserted, screwed, Shaking protection Evironmental characteristics [Climatic Operating remperature min. -25 °C Operating temperature range depending on cable quality Conformity IN EN 1076-2-101 (M12) Cable dentification Produ t standard <	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostic Status indication LED no Installation I Connection M12 x 1 Device protochon [Electrical 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 Coating of fiting nickel plated Goating of fiting Material group (EC 60664-1) 1 Image: Screwed Screwed Screwed Coating of fiting nickel plated Goating of fiting Screwed Screwed Material group (EC 60664-1) 1 Image: Screw connection Screwed Screwed Material gasket FKM Image: Screw connection Screwed Screwed Screwed Material gasket FKM Image: Screwed Screwed Screwed Screwed Screwed Material gasket FKM Image: Screwed Screwed Screwed Screwed Scre Screwed Scre <td>Operating voltage AC max.</td> <td>250 V</td>	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Installation ICD Status indication LED no Installation I Connection Installation I Connection I 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 locking Coating locking Nickeled Coating locking Zinc die-casting Material gasket FKM Locking method inserted, screwed, Shaking protection Environmental characteristics [Climatic Coperating temperature max. Operating temperature max. 85 °C Cate	Operating voltage DC max.	250 V
Current operating per contact max. 4 A Diagnostics no Status indication LED no Installation Connection Maximum 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 60684-1) 1 Mechanical data Material data Coating of filing Coating of filing nickel plated Material group (IEC 60684-1) 1 Mechanical data Material data Coating of filing Coating of filing nickel plated Material group (IEC 60684-1) Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material characteristics Climatic Coording of filing nicker plated, screwed, Shaking protection Enviromental characteristics Climatic Coording on cable quality Contemity Biore-2-101 (M12) Cable dentification 623 Cable identification 623	Operating voltage AC (UL-listed)	30 V
Diagnostics Status indication LED no Installation Connection Mul1 x 1 Device protection Electrical Mul2 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 Mechanical data Material data Coating locking Nickeled Coating of fitting nickel pateral Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Commental characteristics Climatic Operating temporature max. 85 °C Additional condition temperature may. 85 °C Additional condition temperature may. 85 °C Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Cable Easterd, Screwed, Shaking protection Cable identification 623 Cable identification	Operating voltage DC (UL-listed)	30 V
Status indication LED no Installation 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 Mechanical data Material data Inserted, screwed Coating of fiting nickel plated Material gasket FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material gasket Sinc die-casting Mounting method inserted, screwed, Shaking protection Everiance data Mounting data Si ⁵ °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Eventer Product standard DIN EN 61076-2-101 (M12) Cable 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AVM-Style 20549/1731), CSA; CE conform Cable Type 2 (PUR/PVC) Approval (cable) UL (AVM-Style 20549/1731), CSA; CE conform Cable Type	Current operating per contact max.	4 A
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 Mechnical 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 Material gasket FKM Locking material Zinc die-casting Mounting method Inserted, screwed, Shaking protection Mounting tata Jincerted, screwed, Shaking protection Environmental characteristics Climatuc Coefficing on cable quality Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Cotion Cable Cotion Screeneeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	Diagnostics	
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 Matrial group (EC 60664-1) 1 Mechanical data Material data Incele Jatel Surge voltage Coating locking Nickeled Coating of fitting nickel plated Material group Ker 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 Coeffice Operating temperature man. 25 °C Operating temperature range depending on cable quality Contornity Environmental characteristics Climatic Product standard DIN EN 61076-2-101 (M12) Cable rype 2 (PUR/PVC) Cable rype 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cab	Status indication LED	no
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 Matrial group (EC 60664-1) 1 Mechanical data Material data Incele Jatel Surge voltage Coating locking Nickeled Coating of fitting nickel plated Material group Ker 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 Coeffice Operating temperature man. 25 °C Operating temperature range depending on cable quality Contornity Environmental characteristics Climatic Product standard DIN EN 61076-2-101 (M12) Cable rype 2 (PUR/PVC) Cable rype 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cab	Installation Connection	
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 Nickeled Coating locking Nickeled Material gasket FKM Locking material Zinc die-casting Material screw connection Zine die-casting Material screw connection Zine die-casting Material screw connection Zine die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable Cable/Confication 623 Cable/Confication 623 Cable distrification 623 Cable/YCO Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g	Mounting set	M12 x 1
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 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 Operating temperature min. -25 °C Operating temperature max. A65 °C Additional condition temperature range depending on cable quality Other condition temperature range depending on cable quality Contimity Product standard DIN EN 61076-2-101 (M12) Cable Cable dientification 623 Conform	Device protection Electrical	
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 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 Operating temperature min. -25 °C Operating temperature max. A65 °C Additional condition temperature range depending on cable quality Other condition temperature range depending on cable quality Contimity Product standard DIN EN 61076-2-101 (M12) Cable Cable dientification 623 Conform	Additional condition protection degree	inserted, screwed
Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of Itting 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. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable identification 623 Cable identification 623 Cable With 35.97 g Material wire Cu wire, bare Resistor (core) max. 57 O/km (20 °C) Single wire Ø (core) 0.1 mm		3
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 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 Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Cable 2 Cable identification 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm		2,5 kV
Coating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification623Cable identification623Cable identification623Cable weight [g/m]35.97 gMaterial wireCu wire, bareResistor (core)max. 57 Q/km (20 °C)Single wire Ø (core)0.1 mm	Material group (IEC 60664-1)	1
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. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable identification 623 Cable identification 623 Cable weight (g/m) 35,97 g Material Wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Mechanical data Material data	
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable identification 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Coating locking	Nickeled
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 Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable 2 (PUR/PVC) Approval (cable) UL (AVM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35.97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Coating of fitting	nickel plated
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable identification 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Material gasket	FKM
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable Cable Cable identification 623 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Locking material	Zinc die-casting
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityImage: ConformityProduct standardDIN EN 61076-2-101 (M12)CableImage: ConformityCable identification623Cable identification623Cable (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Material screw connection	Zinc die-casting
Environmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCableCable identification623Cable identification623Cable identification2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Mechanical data Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35.97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable Cable identification Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Environmental characteristics Climatic	
Additional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Operating temperature min.	-25 °C
ConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12)CableCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Additional condition temperature range	depending on cable quality
CableCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Conformity	
Cable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Product standard	DIN EN 61076-2-101 (M12)
Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Cable	
Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Cable identification	623
Cable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mm	Cable Type	2 (PUR/PVC)
Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm	Cable weight [g/m]	35,97 g
Single wire Ø (core) 0.1 mm	Material wire	Cu wire, bare
	Resistor (core)	max. 57 Ω/km (20 °C)
Construction (core) 42× 0.1 mm (multi-strand wire class 6)		0.1 mm
	Construction (core)	42× 0.1 mm (multi-strand wire class 6)

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: 2024-05-02



Diameter (core)	3× 0.34 mm ²
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	black similar to RAL 9005
Stranding combination	3 wires twisted
Shield	no
Material jacket	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²

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: 2024-05-02