

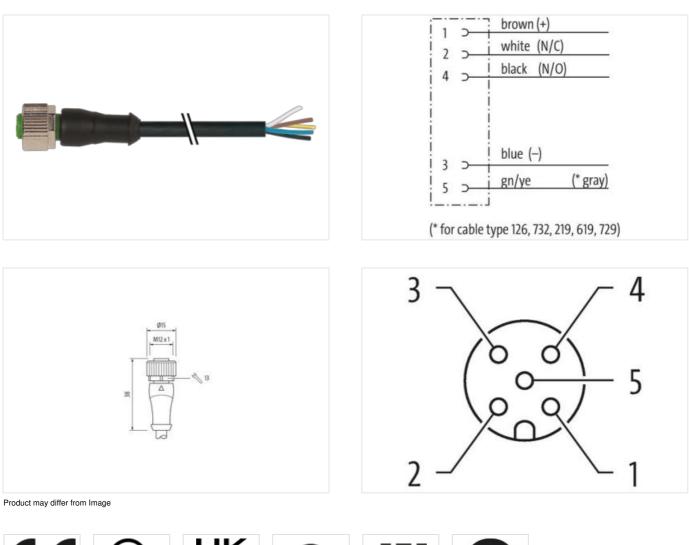
M12 female 0° A-cod. with cable

PVC 5x0.34 bk UL/CSA 7.5m

Female straight M12, 5-pole 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







Cable length

7,5 m

0,6 Nm

Side 1

Tightening torque

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

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



Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Stripping length (jacket)20 mmCoating contactgold platedCommercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.02779218ECLASS-9.027060311ECLASS-10.130 VCoperating voltage AC max.125 VOperating voltage AC max.125 V <td< th=""><th>ng contact</th><th>gold plated</th></td<>	ng contact	gold plated
suitable for corrugated tube (internal Ø) A Material contact Copper alloy Material contact Copper alloy Material PUR No. of poles S VU13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.2 ECU01855 coustoms tariff number 85444290 GTIN 4048879211086 Packaging unit 1 ELEctrical data Supply Coperating voltage AC max. 125 V Coperating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Locking Coating Coating Coating Coating Contertion Eclass Coating Contertion Eclass Coating Commention Eclass Eclass Coating Commention Eclass Ecl		
CodingAMaterial contactCopper alloyMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Stripping length (jacket)20 mmCoating contactgold platedCommercial dataECLASS-6.027279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.0277060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.11Edetrical data SupplyGordingOperating voltage DC max.125 VOperating voltage DC max.125 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnostics1Status indication LEDnoInstallation Connection1Mounting setM12 x 1Device protection Electrical30<		
MaterialCopper alloyMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP66, IP66K, IP67Side 2Side 2Stripping length (jacket)20 mmCoating contactgold platedCommercial dataECLASS-6.0ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ETIM-5.0EC01855customs tariff number85444290GTIN4048879211086Packaging unit1Electical data SupplyOperating voltage AC max.125 VOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeAdditional condition protection degree3Raterial group (IEC 60664-1)1Material group (IEC 60664-1)1Coating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial gas		
MaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2gold platedCoating contactgold platedCommercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.027060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsJStatus indication LEDnoInstallation Connection1Mounting setM12 x 1Device protection Electrical30Additional condition protection degreeinserted, screwedPollution Degree3Raterial group (IEC 60664-1)1IMechanical data Material dataCoating of filingnickeledCoating of filingnickeledCoating of filingnickeledCoating of filingnickeledCoating of filingnickeledCoating of filingnickeledCoating of filingnickeled <td></td> <td></td>		
No. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Stripping length (jacket)20 mmCoating contactgold platedCommercial dataEECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-12.027060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyUOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDStatus indication LEDnoInstallation Connection11Stripping length (jacket)20 mmMounting setM12 x 1Device protection Electrical1.5 kVMaterial group (IEC 60664-1)1Material group (IEC 60664-1)1Material group (IEC 60664-1)1Material gasketFKMLocking diftingnickel platedMaterial gasketFKMLocking materialZinc circasting		
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 20 mm Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply Supply Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Istaliation I Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical 3 <t< td=""><td></td><td></td></t<>		
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 20 mm Coating contact gold plated Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indic		
Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS -0.0 ECLASS -0.0 27279218 ECLASS -0.0 27279218 ECLASS -0.0 27279218 ECLASS -0.0 27060311 ECLASS -10.1 27060311 ECLASS -11.1 27060311 ECLASS -12.0 27060311 ECLASS -10.1 27060311 ECLASS -10.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 125 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics E Status indication LED no Installation Connection Isserted, screwed Poliution Degree 3 Rated surge voltage 1,5 kV		
Stripping length (jacket) 20 mm Coating contact gold plated Commercial data E ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply Operating voltage AC max. 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 1 Status indication LED no Installation Connection 1 Mounting set M12 x 1 Device protecton Electrical 3 Additional condition protection degree inserted, screwed Polluti		IP65, IP66K, IP67
Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply Supply Operating voltage AC max. 125 V Operating voltage DC (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 Status indication LED Mounting set M12 x 1 Device protecton Electrical Status indication LED Additional condition protection degree inserted, screwed Pollution Degree	2	
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ELTASS-12.0 27060311 ELTASS-12.0 2706031 Operating voltage AC max. 125 V Operating voltage DC (UL-listed)		20 mm
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply Stripping ength (jacked) Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage DC max. 125 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Stripping length (jacket) Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV	ng contact	gold plated
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A <t< td=""><td>imercial data</td><td></td></t<>	imercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply 0 Operating voltage AC (Max. 125 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 0 Status indication LED no	ASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879211086 Packaging unit 1 Electrical data Supply 0 Operating voltage AC (Max. 125 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 0 Status indication LED no		
ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.0EC001855customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage DC max.125 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDStatus indication LEDnoInstallation Connection20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreePollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)1Mechanical data Material dataCoating lockingNickeledCoating lockingNickeledCoating lockingRickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting		
ECLASS-11.127060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage DC max.125 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDStatus indication LEDnoInstallation Connection20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating lockingNickeledCoating lockingFKMLocking materialZinc die-castingMaterial gasketFKMLocking materialZinc die-casting		27060311
ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDStatus indication LEDnoInstallation Connection125 x 1Device protection ElectricalM12 x 1Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating lockingNickeledCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ASS-10.1	27060311
ETIM-5.0EC001855customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnostics9Status indication LEDnoInstallation Connection90 mmMounting setM12 x 1Device protection Electrical30Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating lockingNickeledCoating lockingNickeledCoating lockingNickeledCoating and fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ASS-11.1	27060311
customs tariff number85444290GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnostics30Status indication LEDnoInstallation Connection20 mmMounting setM12 x 1Device protection Electrical3Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ASS-12.0	27060311
GTIN4048879211086Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnostics30 VStatus indication LEDnoInstallation Connection20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	-5.0	EC001855
Packaging unit1Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDnoInstallation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ms tariff number	85444290
Electrical data SupplyOperating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDnoInstallation ConnectionStatus indication LEDNoInstallation ConnectionStatus indication LEDNoInstallation ConnectionMounting set20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting		4048879211086
Operating voltage AC max.125 VOperating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDnoInstallation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreePollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	aging unit	1
Operating voltage DC max.125 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDnoInstallation Connection20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	trical data Supply	
Operating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsnoStatus indication LEDnoInstallation Connection20 mmMounting setM12 x 1Device protection Electricalinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ating voltage AC max.	125 V
Operating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDnoInstallation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ating voltage DC max.	125 V
Current operating per contact max.4 ADiagnosticsStatus indication LEDnoInstallation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ating voltage AC (UL-listed)	30 V
DiagnosticsStatus indication LEDnoInstallation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreePollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	ating voltage DC (UL-listed)	30 V
Status indication LEDnoInstallation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating sketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	nt operating per contact max.	4 A
Installation ConnectionStripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	inostics	
Stripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	s indication LED	no
Stripping length (jacket)20 mmMounting setM12 x 1Device protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting		
Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Nickeled Coating locking Nickeled Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	•	20 mm
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data V Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting		
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	-	
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		1,0 KV
Coating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting		
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	hanical data Material data	
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Locking materialZinc die-castingMaterial screw connectionZinc die-casting		· · · · · · · · · · · · · · · · · · ·
Material screw connection Zinc die-casting		
	-	
Mechanical data Mounting data	rial screw connection	Zinc die-casting
meenamear uata mounting uata	hanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	iting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	ironmental characteristics Climatic	

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



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	615
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	Ves
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
5	
Amount strands (wire)	19 0.15 mm
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	2 kV @ 60 s
jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter

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

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



Bending radius (dynamic)

10 x Outer diameter

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