

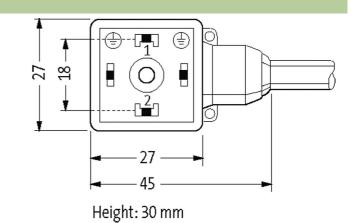
M12 male 90° A-cod. / MSUD valve plug A-18mm

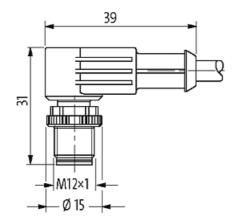
PUR 3x0.75 bk UL/CSA 0.6m

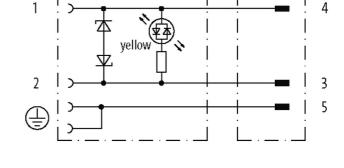
Form A (18 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression Bridged PE Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

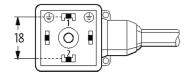


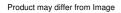






Female





Male



The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk





Locking material Zinc die casting, matte nickel plated Material MSUD (PBT); M12 (PUR) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z: Diode General data Pollution Degree Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cables No./Gammeter of wires No./diameter of wires 3 × 0.75 mm² Wire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (gasket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm 35% Bend radius (moving) 15× outer Ø Temperature range (mobile) -5+80 °C Cable Type 2 (PUR/PVC) Apprval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable veight (g/m) 55.33 Material (wire) Cu wire, bare Resistor (core) max: 26 J/km (20 °C) Single wire Ø (core) 0.15 mm Constructi	Form	
Operating vortage24 V AC 120% / DC 125%Rated surge voltage0.8 KVOperating current consumptionapprox. 15 rnACurrent consumptionapprox. 15 rnAMatarial groupIEC 60664-1, category 1Switch off paalmax. 50 VSwitch off paalmax. 20 msCodingAcodedLED displayyolowCompression grantMXM12-1 mm (recommended torque 0.40.8 Nm)CodingAcodedLED displayyolowLocking of portsMXM12-1 mm (recommended torque 0.40.8 Nm)Conspression grantM12 (SW13)ProtectionIP67 msarted and tightened (EN 60529)Locking materialMEU (PET), M12 (PLP)Switch off paalsMSU (PET), M12 (PLP)Switch off paalsMSU (PET), M12 (PLP)Switch off paalsMSU (PET), M12 (PLP)Switch off paalsSocial ScienceProtectionDorder Z-DiodeConspression25458 °C, dopending on cable qualityMaterial (spaski)PURVC lok num, gryee)Zs458 °C, dopending on cable qualityMaterial (spaski)PUR (VC (ULCSA)Curack properies2 Mo.Material (spaski)PUR (VC (ULCSA)Curack properies2 Mo.Switch off paalS458 °C.Andra (spaski)PUR (VC (ULCSA)Curack properies2 Mo.Cable informationESSale informationS S458 °C.Cable informationS S	Form	40901
Batef surge voltage 0.8 kV Operating current oper contact mäx. 4.A Current consumption apporx. 15 mA Maleral group IEC 60664 +, category 1 Switch off pack max. 20 ms Coding A-coded ELD display yellow ELD display yellow Coding A-coded Tompression gland ME (2013) Tomoston IP67 insected and sightened (EN 60529) Conting Tom die casting, matten ickel plated Materal MSU (2PT); MT2 (PLP) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z Clode Contrage consumption PUR Contrage consumption PUR Consider S Casting consumption PUR Casting consumption PVC (bk num, graye) Carbox proporties 2 Mio. Materal (gasket) PURPVC (ULCSA) Carbox proporties 2 Mio. Materal (gasket) S	Technical Data	
Batef surge voltage 0.8 kV Operating current oper contact mäx. 4.A Current consumption apporx. 15 mA Maleral group IEC 60664 +, category 1 Switch off pack max. 20 ms Coding A-coded ELD display yellow ELD display yellow Coding A-coded Tompression gland ME (2013) Tomoston IP67 insected and sightened (EN 60529) Conting Tom die casting, matten ickel plated Materal MSU (2PT); MT2 (PLP) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z Clode Contrage consumption PUR Contrage consumption PUR Consider S Casting consumption PUR Casting consumption PVC (bk num, graye) Carbox proporties 2 Mio. Materal (gasket) PURPVC (ULCSA) Carbox proporties 2 Mio. Materal (gasket) S	Operating voltage	24 V AC +20% / DC +25%
Operating ourment per contact max. 4 A Current consumption approx. 15 m A Material group EEC 60064-1, category 1 Switch off peak max. 55 V Switch off peak max. 50 ms Coding A-coded LED display yellow LED display yellow Coding of ports M3M12-1 mm (recommended torque 0.4/0.6 Nm) Compression gland M12 (SW13) Protection IPA7 inserted and tightened (EN 60529) Locking material MSUD (PBT); M12 (PUF) Suitable for corrugated tube (internal 0) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode7-Diode General data VPUR Publicino Degree 3x 0.75 mm ³ Vir is olation PVC (Ex num, gryke) C-tack propendies 2 Mo. Suitable for compatient of wires 3x 0.75 mm ³ Material (glocket) PURPVC (LUCSA) Outer dottion PVC (Ex num, gryke) C-tack propendie (mobile) 5480 °C C-tack propendie (mobile)		
Current consumption approx. 15 mA Material group IEC 60664-1, category 1 Material group IEC 60664-1, category 1 Switch of fpack max. 20 ms Coding A-coded ED deplay yellow Locking of ports M3M12-1 mm recommended torque 0.40.6 Nm) Compression gland M12 (SW13) Protection IPF inserted and tightened (EN 6529) Locking of ports M3M12-1 mm recommended torque 0.40.6 Nm) Compression gland M12 (SW13) Protection IPF inserted and tightened (EN 6529) Locking material Zinc die casting, matte nickel plated Material MSUD (PBT); M12 (PUP) sultable for corrugated tube (internal 0) 10 mm Housing Black (plastic (gray on request) Additional suppressor Diode7-2 Diode Central dats PUR Verse solation PUR Verse solation PUR (CULCSA) Outer 0 5.9 mm 15% Bend radus (moving) 15- outer 0 Temperature range (moble) -548° C <t< td=""><td></td><td></td></t<>		
Material group IEC 60684-1, category 1 Switch off peak max. 55 V Switch off peak max. 20 ns Cading A-coded LED display yellow LED display yellow Compression gland M12 (SW13) Compression gland M12 (SW13) Conservation IP67 inserted and tightened (EN 60529) Locking material Zinc (de casting, materinicke) fated Material MSUD (PBT); M12 (PUR) Suitable for corrugatod tube (internal 0) 10 mm Housing Black plastic (gray on request) Additonal suppressor Diode 2- Diode Cancer Temperature range - 25485 °C, depending on cable quality Material (gasket) PUR Cable So .75 mm ² Wire loalation PVC (bk num, grys) C 1 radk properties 2 Mo. Material (gasket) PURPVC (UL/CSA) Cuter Ø 5.9 mm ±5% Bend radius (moving) 15s0 °C Cable tope (cubb) UL (AVMM Style 20549/1731), CSA: CE conform		
Switch off paak max. 20 ms Switch off delay time max. 20 ms Coding A coded LED display yellow Locking of ports M3M12×1 mm (recommended torque 0.40.6 klm) Compression gland M12 (SW13) Protection IP67 inserted and tylintened (EN 60529) Locking material Zinc die casing, matte nickel plated Material MSUD (P67), M12 (PUP) suitable for corrupated tube (internal (D) 10 mm Housing Black plastic (gray on request) Additional supressor Diode72-Diode Ceneral data Tomperature range 2548° °C, depending on cable quality Material (gasket) PUR PUR Cables VC (K num, grye) Catack properties Ver is isolation PVC (K num, grye) Catack properties Cable definition S0 °C °C S0 °C °C Temperature range (Inxol) 390.75 mm ⁴ S0 °C Catack properties 2 Mio. S0 °C Catack properties 2 Mio. S0 °C Catack identification 626		••
Switch off delay time max. 20 ms Coding A coded LED display yellow Locking of ports M3M12×1 mm (recommended torque 0.4/0.6 Nm) Compression gland M12 (SW13) Protection IP67 inserted and tightened (EN 60529) Locking material Zinc die casting, matte nickel plated Material MSUD (PET); M12 (PUR) subtable for corrugated tube (internal O) 10 mm Housing Black plastic (gray on request) Additional suppressor Dode/Z-Dode General data Foldore Pollution Degree 3 Temperature range -25 - +85 *C, depending on cable quality Material (gasket) PUR Viro Boalton PVC (bk rum, graye) C-frack properties 2 Mio. Miterial (gacket) PURPVC (UL/CSA) Cuter Ø 5.9 mm 5%. Bend radius (moving) 15 outer Ø Temperature range (mobile) -45480 *C Cable rope 2 (PUR-PVC) Approval (cable) UL (AVM-Style 20549/1731), CSA: CE conform Ca		
Coding A-coded LED display yellow LED display yellow LED display WaWA Compression gland M12 (SW13) Protection IP67 inserted and hightoned (EN 60529) Locking material MSUD (PB7); M12 (PUB) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Didde/2-Diode General data		
LED displayyellowLocking of portsM3/M12×1 mm (recommended torque 0.4/0.6 Nm)Compression glandM12 (SW13)ProtectionIP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialMSUD (PBT); M12 (PUR)suitable for corrugated tube (internal Ø)10 mmHousingBlack plastic (gray on request)Additional suppressorDiode-Z-DiodeGeneral datPollution Degree3Temperature range-25+85 °C, depending on cable qualityMaterial (gasket)PURColadiantWrei solationPVC (Ek num, grue)Catack properties2 Mio.Material (gasket)PUR/PVC (ULCGA)Outer Ø5.9 mm ±5%.Bend radius (noving)15+80 °CTemperature range (mole)-5+80 °CCable formificance626Cable formificance626Cable range (mole)-5+80 °CCable range (mole)-5	-	
Locking of ports M3/M12.1 mm (recommended torque 0.4/0.6 Nm) Compression gland M12 (SW13) Protection IPG7 inserted and tightened (EN 60529) Locking material Zinc die casting, matte nickel plated Material MSU (PDT); M12 (PUR) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z-Diode General data Temperature range Pollution Degree 3 Temperature range 25468 °C, depending on cable quality Material (gasket) PUR Cable VC (bk num, gnye) C-track properties 2 Min. Material (gacket) PURPVC (UL/CSA) Outer Ø 5.9 mm ±5% Bend radius (moving) 15 × outer Ø Temperature range (mobile) 400 °C Cable identification 626 Cable identification <td></td> <td></td>		
Compression gland M12 (SW13) Protoction IP57 insorted and tightneod (EN 60529) Locking material Zinc die casting, matte nickel plated Material MSUD (PBT); M12 (PUR) sultable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode7-Diode General dat Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cables No./diameter of wires 3 x 0.75 mm² Nic/diameter of wires 3 x 0.75 mm² Vifre isolation PVC (bk num, gnye) C-track properties 2 Mio. Chater 2 Outer Ø 5 9 mm ±5% Bend radius (moving) 15 s. outer Ø Temperature range (mobile) -6+80 °C Cable intrication 626 Cable Type 2 (PUR/PVC) (UCSA) Approval (cable) UL (AVM-Style 20549/1731), CSA; CE conform Cable intrication 626 </td <td></td> <td></td>		
Protection IP67 inserted and tightened (EN 60529) Locking material Zinc die casting, matte nickel plated Material MSUD (PBT); M12 (PUR) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z-Diode General dat - Pollkion Degree 3 Temperature range -25+65 °C, depending on cable quality Material (gasket) PUR Cables - No./dameter of wires 3 × 0.75 mm ⁸ Wire isolation PVC (bk num, gnye) C track properties 2 Mio. Material (gacket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm ±5% Bend radius (moving) 15 × outer Ø Temperature range (mobile)		
Locking material Zinc die casting, matte nickel plated Material MSUD (PBT); M12 (PUR) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z-Diode General data - Pollution Degree 3 Tamperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cables - No./diameter of wires 3 × 0.75 mm² Wire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (gasket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm 35% Bend radius (moving) 15× outer Ø Temperature range (mobile) -5+80 °C Cable futification 626 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable rupe 2 (PUR/PC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable rupe 2 (PUR/PC) Approval (cable) UL wi	Protection	
Material MSUD (PBT), M12 (PUR) suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/Z-Diode General data Pollution Degree Polution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cables Voldiameter of wires No./diameter of wires 3 × 0.75 mm ² No./diameter of wires 3 × 0.75 mm ² Vire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (gacket) PURPVCC (ULCSA) Outer Ø 5.9 mm ±6% Bend radius (moving) 15× outer Ø Temperature range (mobile) -5+80 °C Cable fortification 626 Cable Type 2 (PUR/PVC (D Approval (cable) UL (AVM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 55.33 Material (wire) Cu wire, bare Resistor (core) max. 26 Q/km (20 °C) Single wire Ø (core)	Locking material	
suitable for corrugated tube (internal Ø) 10 mm Housing Black plastic (gray on request) Additional suppressor Diode/2 Diode General data Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cable No./diameter of wires 3 x 0.75 mm ³ Wire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (gacket) PURPVC (UL/CSA) Outer Ø 5.9 mm ±5% Bend radius (moving) 15 x outer Ø Temperature range (fixed) -30+80 °C Cable identification 626 Cable identification 626 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 55.33 Material (wire) 0 Sing awa 2.8 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42 x 0.15 mm (mutti-strand wire class 6) Diameter (core) 42 x 0.15 mm (mutti-strand wire class 6) Diameter (core) 43 to 75. August and the solution) PVC Material (wire isolation) 43 ts D Wire-Q incl. isolation 1.8 mm ±5%	Material	
Housing Black plastic (gray on request) Additional suppressor Diode/Z-Diode General data		
Additional suppressor Diode/2-Diode General data Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cables Vision PVC Wire isolation PVC (bk num, gnye) C C-track properties 2 Mio. Material (gasket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm 35% Second Second Second Bend radius (moving) 15× outer Ø Second	Housing	
Ceneral data Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) PUR Cables	Additional suppressor	Diode/Z-Diode
Temperature range $-25+85$ °C, depending on cable qualityMaterial (gasket)PURCablesNo./diameter of wires 3×0.75 mm²Wire isolationPVC (bk num, gnye)C-track properties 2 Mio.Material (gasket)PUR/PVC (UL/CSA)Outer Ø $5.9 mm \pm 5\%$ Bend radius (moving) $15 \times$ outer ØTemperature range (fixed) $-30+80$ °CCable identification 626 Cable Identification 626 Cable Identification 626 Cable Ivg 2 (PUR/PVC)Approval (cable) $UL (AWM-Style 20549/1731), CSA; CE conformCable veight [g/m]55.33Material (wire)Cu wire, bareResistor (core)max. 26 \Omega km (20 °C)Single wire Ø (core)0.15 mm^2Onstruction (core)42 \times 0.15 mm^2AWGsimilar to AWG 18Material (wire isolation)VPCMaterial (wire isolation)VPCMaterial (wire isolation)VPC$		
Temperature range $-25+85$ °C, depending on cable qualityMaterial (gasket)PURCablesNo./diameter of wires 3×0.75 mm²Wire isolationPVC (bk num, gnye)C-track properties 2 Mio.Material (gasket)PUR/PVC (UL/CSA)Outer Ø $5.9 mm \pm 5\%$ Bend radius (moving) $15 \times$ outer ØTemperature range (fixed) $-30+80$ °CCable identification 626 Cable Identification 626 Cable Identification 626 Cable Ivg 2 (PUR/PVC)Approval (cable) $UL (AWM-Style 20549/1731), CSA; CE conformCable veight [g/m]55.33Material (wire)Cu wire, bareResistor (core)max. 26 \Omega km (20 °C)Single wire Ø (core)0.15 mm^2Onstruction (core)42 \times 0.15 mm^2AWGsimilar to AWG 18Material (wire isolation)VPCMaterial (wire isolation)VPCMaterial (wire isolation)VPC$	Pollution Degree	3
Material (gasket) PUR Cables No./diameter of wires 3 × 0.75 mm² Wire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (gacket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm ±5% Bend radius (moving) 15× outer Ø Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Cable identification 626 Cable identification 626 Cable wight [g/m] 55.33 Material (wire) UL (AWM-Style 20549/1731), CSA; CE conform Cable wight [g/m] 55.33 Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42 × 0.15 mm (multi-strand wire class 6) Diameter (core) 3 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material property (wire isolation) CFC, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D	-	
No./diameter of wires 3× 0.75 mm² No./diameter of wires 3× 0.75 mm² Wire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (jacket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm ±5% Bend radius (moving) 15× outer Ø Temperature range (fixed) -30+80 °C Cable identification 626 Cable identification 626 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 55,33 Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42× 0.15 mm (muti-strand wire class 6) Diameter (core) 3× 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material (wire isolation) PVC Material (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5%	Material (gasket)	
No./diameter of wires 3× 0.75 mm² No./diameter of wires 3× 0.75 mm² Wire isolation PVC (bk num, gnye) C-track properties 2 Mio. Material (jacket) PUR/PVC (UL/CSA) Outer Ø 5.9 mm ±5% Bend radius (moving) 15× outer Ø Temperature range (fixed) -30+80 °C Cable identification 626 Cable identification 626 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 55,33 Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42× 0.15 mm (muti-strand wire class 6) Diameter (core) 3× 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material (wire isolation) PVC Material (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5%		
Wire isolationPVC (bk num, gnye)C-track properties2 Mio.Material (jacket)PUR/PVC (UL/CSA)Outer Ø5.9 mm \pm 5%Bend radius (moving)15× outer ØTemperature range (fixed)-30+80 °CCable identification626Cable identification626Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CPC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm \pm 5%		3 v 0.75 mm²
C-track properties2 Mio.Material (jacket)PUR/PVC (UL/CSA)Outer Ø5.9 mm ±5%Bend radius (moving)15× outer ØTemperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CCable identification626Cable identification626Cable identification5.3.3Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 D		
Material (jacket)PUR/PVC (UL/CSA)Outer Ø5.9 mm ±5%Bend radius (moving)15× outer ØTemperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CCable identification626Cable identification626Cable Nype2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Q/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%		
Outer Ø $5.9 \text{ mm} \pm 5\%$ Bend radius (moving) $15\times$ outer ØTemperature range (fixed) $-30+80$ °CTemperature range (mobile) $-5+80$ °CCable identification 626 Cable identification 2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m] $55,33$ Material (wire)Cu wire, bareResistor (core)max. $26 \ \Omega/km (20 \ °C)$ Single wire Ø (core) $0.15 \ mm$ Construction (core) $42\times 0.15 \ mm (multi-strand wire class 6)$ Diameter (core) $3\times 0.75 \ mm^2$ AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation) $43 \pm 5 \ D$ Wire-Ø incl. isolation $1.8 \ mm \pm 5\%$		
Bend radius (moving) 15× outer Ø Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Cable identification 626 Cable identification 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 55,33 Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42× 0.15 mm (multi-strand wire class 6) Diameter (core) 3× 0.75 mm² AWG similar to AWG 18 Material (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5%		
Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CCable identification626Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%		
Temperature range (mobile)-5+80 °CCable identification626Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42 × 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%		
Cable identification626Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%		
Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%	Cable identification	
Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%	Cable Type	2 (PUR/PVC)
Cable weight [g/m]55,33Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%		
Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%	Cable weight [g/m]	
Resistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)42 × 0.15 mm (multi-strand wire class 6)Diameter (core)3 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%	Material (wire)	
Single wire Ø (core)0.15 mmConstruction (core)42× 0.15 mm (multi-strand wire class 6)Diameter (core)3× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%	Resistor (core)	
Diameter (core) 3× 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ±5 D Wire-Ø incl. isolation 1.8 mm ±5%	Single wire Ø (core)	0.15 mm
AWG similar to AWG 18 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ±5 D Wire-Ø incl. isolation 1.8 mm ±5%	Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ±5 D Wire-Ø incl. isolation 1.8 mm ±5%	Diameter (core)	3× 0.75 mm ²
Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ±5 D Wire-Ø incl. isolation 1.8 mm ±5%	AWG	similar to AWG 18
Shore hardness (wire isolation) 43 ±5 D Wire-Ø incl. isolation 1.8 mm ±5%	Material (wire isolation)	PVC
Wire-Ø incl. isolation1.8 mm ±5%	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
	Shore hardness (wire isolation)	43 ±5 D
Color/numbering of wires bk numbered, gnye longitudinally striped	Wire-Ø incl. isolation	1.8 mm ±5%
	Color/numbering of wires	bk numbered, gnye longitudinally striped

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



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)	5.9 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
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Jacket Color	black
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879151146
eClass	27279218
Packaging unit	1

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk