

M12 FEMALE 0° V4A

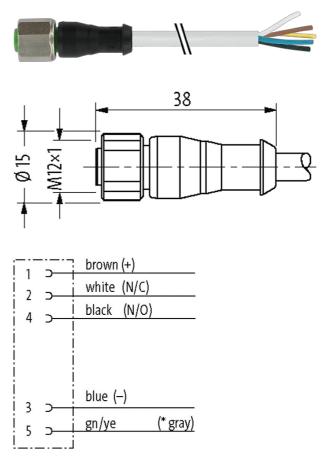
PVC 5X0.34 GRAY, UL/CSA 50m

Female straight M12, 5-pole Stainless steel 1.4404 (V4A) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

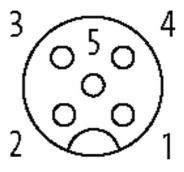
Illustration

ELEKTRONIK stay connected



(* for cable type 126, 732, 219, 619, 729)

Female



Product may differ from Image



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: 11/20



General data

ShndardDir R H 9 1078-2-101 (M1)Mauning methodinserted, tigniendMauning methodCooper aluyMaterial (gravites)AuMaterial (gravites)R MPalubon Dogree3Shipping (gravite)30 mTomperature range28-e5° C, depending on cable qualityTomperature range (steel)50-e50° CMaterial (gravite)10-cuter ØCable range28-e5° CTomperature range (steel)50-e50° CCable range (steel)50-e50	General data	
Material (contact) Copper alloy Material (contact surface) Au Material (contact surface) Au Material (contact surface) Plutation Pathational (contact surface) 20 Stripping length (jacket) 20 mm Temperature range -25a85 * 0. depending on cable quality Cables Visioslability No.dtamebror dwires 5-0.34 mm² Wisioslability PVC (ULCSA) Outer O 52 mm s5% Bedin adulus (moving) 10 - outer O Temperature range (mobile) -540 * C Cable Identification 215 Cable Identification 215 <	Standards	DIN EN 61076-2-101 (M12)
Material (contact surface) Au Material (contact surface) Au Material (contact surface) PKA Pollution Degree 3 Stropping length (jackel) 20 mm Temperature range -2548° C, depending on cable quality Cables Vol. Classing No. diameter of wires 5x.0.34 mm ² No. diameter of wires 5x.0.34 mm ² Wire isolation PVC (Dr.Wn, DL Ky myo) Material (ackel) PVC (Dr.USA) Outer O 5.2 mm ±5%. Bend ratius (moving) 10x outer O Temperature range (fixed) -30e80 °C Cable isolation 215 Cable forge 1 (PVC) Approval (cable) UL (AWM-Skyle 2464/1731), CSA Cable isolation 215 Cable isolation 0 UK (DVG) Approval (cable) UL (AWM-Skyle 2464/1731), CSA Cable isolation 215 Cable isolation 0 UK (DVG) Approval (cable) UL (AWM-Skyle 2464/1731), CSA Cable isolatinon 0 UK (DVG)	Mounting method	inserted, tightened
Material (gaskul) PKM Pollution Degree 3 Stripping lengin (look) 20 mm Temperature range -2585 °C, depending on cable quality Cable ************************************	Material (contact)	Copper alloy
Pollution Degree 3 Singpring length (iscked) 20 mm Temporature range 2585 °C. depending on cable quality Cables No.titamotir of wives 5 - 0.34 mm ² Wire Isolation PVC (br. Wh, bl. bk. gnye) Matiniti glacett) Material galexth PVC (br. Wh, bl. bk. gnye) Material galexth PVC (DSA) Outer Ø 5.2 mm .95% Bend radius (moving) 10× outer Ø Temperature range (mobile) -580 °C Cable formification 215 Cable Toppe 1 (PVC) Approval (cable) UL (AVM Skyle 24641731, CSA Cable Naghtfight) 48.40 Material (wire) Cu wire, bare Cable walghtfight) 48.40 Material (wire) Cu wire, bare Construction (core) 19 × 0.15 mm (multi-strand wire class 5) Diamoter (core) 5 - 0.34 mm ² Material property (wire isolation) PVC Material property (wire isolation) 45 ± 5 Material property (wire isolation) 45 ± 5 Wires Oile, isolation <t< td=""><td>Material (contact surface)</td><td>Au</td></t<>	Material (contact surface)	Au
Shipping length (lacket) 20 mm Temperature range -25H8 ⁵ °C, depending on cable quality Cables No.cliannetfor dwires 5 × 0.34 mm ² Wire isolation PVC (DL/CSA) Collared Cater Ø 5.2 mm -5%. Bend radius (moving) 10× outer Ø Temperature range (mobile) -5 +80 °C Collared Cable identification 215 Collared Cable identification 1 (PVC) Approval (able) Cu (wire, bare Residur (core) maxe do Mm (20 °C) Singla wire 30 (core) 0.15 mm Construction (core) 15 × 0.15 mm (multi-strand wire clase 5) Damater (core) 5 × 0.24 mm ² Attribuid property (wire bolation) <td>Material (gasket)</td> <td>FKM</td>	Material (gasket)	FKM
Temperature range -25+85 °C, depending on cable quality Cables No.diameter of wires 5 v0.34 mm ³ Wrie isolation PVC (ULCSA) Material (jacket) PVC (ULCSA) Outer Ø 5.2 mm 25% Been radius (moving) 10% outer Ø Temperature range (fixed) -30+80 °C Collect Gabe identification 215 Cable formitication 215 Collect Gabe identification 215 Cable formitication 215 Collect Gabe identification 215 Cable value (Jam) 48.49 Material (Wine) Cul (WMA-Style 2464/1731), CSA Cable value (Jam) 48.49 Material (Wine) Culver, bare Residor (core) max. 60 ΩAm (20 °C) Single wire Ø (core) 0.15 mm Single wire Ø (core) 0.15 mm (multi-strand wire class 5) Danotor (core) 5 v0.34 mm ² AWG similar to AWG 22 Material property (wire isolation) PVC Material wire solation) PVC Material property (wire isolation) 25 Cr. cadmium, silicone- and lead-free Stron hardness (wire isolation) 5 wires wisteled around contral filter Silied<	Pollution Degree	3
Cables No.dianoter of wires 5 × 0.34 mm ² Wire isolation PVC (br. wh, bl. bk, grue) Material (isolation PVC (br. wh, bl. bk, grue) Band radius (moving) 10 × outer 0 Temperature range (totad) 3040 °C Cable of temperature range (totad) -5480 °C Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 246/1731), CSA Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 246/1731), CSA Cable wight Igim] 48.40 Material (wree) Cw wire, bare Resistor (core) max. 60 QAm (20 °C) Single wire 9 (core) 0.15 mm Construction (core) 19.% 0.15 mm Construction (core) 19.% 0.15 mm Construction (core) 19.% 0.15 mm Construction (core) 5 × 0.34 mm² Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore harchess (wire isolation) 1.25 mm s5% Colorumbering of wires br.b.b.b.d., grue longlutinally striped	Stripping length (jacket)	20 mm
Notilameter of wiresS = 0.34 mm²Wire isolationPVC (br, wh, bl, bk, gnye)Material (jacket)PVC (ULCSA)Outer O5.2 mm 25%Bend radius (moving)10× outer OTemperature range (mbdl).58.0 °CCable identification215Cable identification215Cable identification216Cable identification0.1.4.0 °CApproval (cable)UL (AWIr-Skyle 2464/1731), CSACable weight [gm]48,4.0Material (wire)Cu wire, bareRestor (core)0.1.5 mmConstruction (core)15 × 0.3.4 mm²Construction (core)15 × 0.3.4 mm²AWGsimilar to AWQ 22Material (wire isolation)PVCMaterial property (wire isolation)CFC, cadmium, silicone- and lead-freeShore hardness (wire isolation)PVCMaterial (wire isolation)CFC, cadmium, silicone- and lead-freeShore hardness (wire isolation)S wires bristo, silicone- and lead-freeShore hardness (wire isolation)S wires bristoWire-Ginct lisolation1.2.5 mm 25%Colorithumbering of wiresbr. bk, bl, wh, gnye longitudinally stripedStranding combinationS wires bristo, silicone- and lead-freeShore hardness (wire isolation)CFC, cadmium, silicone- and lead-freeShore hardness (wire isolation)S wires bristo around central fillerStranding combinationS wires bristo, b	Temperature range	-25+85 °C, depending on cable quality
Wire isolationPVC (br. wh. bl. bk. gnye)Material (jacket)PVC (LLCSA)Outer Ø5.2 mm ±5%Bond radius (invoving)10-outer ØTemperature range (iscel)-30480 °CCabbe identification215Cabbe Identification215Cabbe Identification215Cabbe IdentificationCurversMaterial (iscel)UL (AVMN-Style 24641731), CSACable weight [g/m]48,40Material (wire)Curvine. bareResistor (core)max. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19+ 0.15 mm (multi-strand wire class 5)Diameter (core)5 x. 0.34 mm²AVKGsimilar to AVK0 22Material (wire isolation)PVCMaterial (wire isolation)45 ± 5 DWire-Ø (not. isolation)1.25 mm ±5%Color/numbering of wiresbr, br, br, wh. gnye long/tudinally stripedShore hardness (wire isolation)45 ± 5 DWire-Ø (cote)5.2 mm ±5%Color/numbering of wiresbr, br, br, wh. gnye long/tudinally stripedShrieldnoMaterial (igoket)52.7 mm ±5%Color (jacket)5.2	Cables	
Material (jacket) PVC (ULCSA) Outer Ø 5.2 mm 15% Bend radius (moving) 10+ outer Ø Temperature range (fixed) -30+80 °C Cable forger (fixed) -5+80 °C Cable forger (fixed) 215 Cable forger (fixed) 11 (PVC) Approval (cable) UL (AWM Style 2464/1731), CSA Cable weight (jim) 48.40 Material (wire) Cu wire, bare Resider (core) max & 0.0.km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19+ 0.15 mm (multi-strand wire class 5) Diameter (core) 5 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) CFC-, cadmium, silicone- and lead-free Shore hardness (wire isolation) 45 55 D Wire 3-0.16, isolation 1.25 mm 45% Colorinumbering of wires br, bk, bl, wh, gnys longitudinally striped Stranding combination 5 2 mm 25% Colorinumbering of wires 5 2 mm 25% Color (jackeh) p 2 w	No./diameter of wires	5× 0.34 mm²
Material (jacket) PVC (ULCSA) Outer Ø 5.2 mm 15% Bend radius (moving) 10+ outer Ø Temperature range (fixed) -30+80 °C Cable forger (fixed) -5+80 °C Cable forger (fixed) 215 Cable forger (fixed) 11 (PVC) Approval (cable) UL (AWM Style 2464/1731), CSA Cable weight (jim) 48.40 Material (wire) Cu wire, bare Resider (core) max & 0.0.km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19+ 0.15 mm (multi-strand wire class 5) Diameter (core) 5 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) CFC-, cadmium, silicone- and lead-free Shore hardness (wire isolation) 45 55 D Wire 3-0.16, isolation 1.25 mm 45% Colorinumbering of wires br, bk, bl, wh, gnys longitudinally striped Stranding combination 5 2 mm 25% Colorinumbering of wires 5 2 mm 25% Color (jackeh) p 2 w	Wire isolation	PVC (br, wh, bl, bk, gnye)
Outer Ø 5.2 mm 15% Bend radius (moving) 10× outer Ø Temperature range (mobile) -580 ° C Temperature range (mobile) -580 ° C Cable identification 215 Cable identification 215 Cable identification 215 Cable veight jam 48.40 Material (wire) Cu wire, bare Resistor (core) max.60 Ωkm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 5× 0.34 mm ³ AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) 45 ± 5 D Vire-O incl. isolation 1.28 mm ±5% Colorh-mbering of wires b, bk, bl, wh, graye longludinally striped Stranding combination 5 wires twisted around central filter Shore hardness (jacket) D PVC Material (jacket) PVC Material (jacket) D PVC Material (jacket) D PVC Material (jacket) D PVC<	Material (jacket)	
Temperature range (itxed) -30+80 °C Cable identification 215 Cable identification 215 Cable identification 215 Cable iype 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable veight [g/m] 48,40 Material (wire) Cu wire, bare Resistor (core) max. 60 Ωkm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 5× 0.34 mm² AWG similiar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) 45 ± 5 D Wire -Qinci. Isolation 1.25 mm 15% Colorhumbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 swires twisted around central filler Shield no Material (resket) 85 ± 5 A Outer-Ø (jacket) 5 ± 5 S Outer-Ø (jacket) 5 ± 5 A Outer-Ø (jacket) 5 ± 5 A Outer-Ø (jacket) 5 ± 5 A </td <td></td> <td></td>		
Temperature range (mobile) 5+80 °C Cable identification 215 Cable identification 215 Cable vicipitype 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable vicipity[sm] 48.40 Material (wire) Cu wire, bare Resistor (core) max. 60 QKm (20 °C) Single wire Ø (core) 0.15 mm (mUII-strand wire class 5) Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-Øincl. isolation 1.25 mm ±5% Colorhumbering of wires br, bk, bl, wh, gnye longludinally striped Shield no Material (property (kicket) CFC-, cadmium-, silicone- and lead-free Shield no Material (acket) 9 ± 5 ± A Outer-Ø (acket) 6 ± mm ±5% Color (acket) 6 ± mm ±5% Color (acket) 6 ± mm ±5% Color (ac	Bend radius (moving)	10× outer Ø
Temperature range (mobile) 5+80 °C Cable identification 215 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [gm] 48.40 Material (wire) Cu wire, bare Resistor (core) max. 60 QKm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-Øincl. isolation 1.25 mm ±5% Color-Inumbering of wires br, bk, bl, wh, gnye longitudinally striped Shield no Material property ((acket) 62 - cadmium-, silicone- and lead-free Shield no Material property ((acket) 5 ± 5 A Color (acket) 63 ± 5 A Color (acket) 63 ± 5 A Color (acket) 5 ± 5 A Color (a		
Cable identification 215 Cable rype 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 48,40 Material (wire) Cu wire, bare Resistor (core) max. 60 Ωkm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 125 mm ±5% Colorhumbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 ±5 D Wire 40 incl. isolation 125 mm ±5% Colorhumbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 ±5 A Outer-Ø (jacket) PVC Material (resistance good resistance to oil, gaoline and chemicals thermical resistance filam retardant UL 1581 VW1 / CSA FT1 Material property (jacket) CFC-, cadmium-, sili		-5+80 °C
Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 48,40 Material (wire) Cu wire, bare Resistor (core) max. 60 Qkm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19 × 0.15 mm (multi-strand wire class 5) Diameter (core) 5 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-Ø incl. Isolation 1.25 mm ±5% Colorinumbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (caket) PVC Material (caket) EC -, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) gray Cehemical resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC		215
Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight (g/m) 48,40 Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 1.25 mm ±5% Colorinumbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (cacket) PVC Material (cacket) B5 ±5 A Outer-O (caket) G22 mm ±5% Color (caket) G3 ± 5 A Outer-O (caket) gray Color (caket) G5 ± 5 A Outer-O (caket) gray Color (caket) gray Color (caket) gray Color (caket) gray Color (caket) gray	Cable Type	1 (PVC)
Cable weight [g/m] 48.40 Material (wire) Cu wire, bare Resistor (core) max.60 0,km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19 × 0.15 mm (multi-strand wire class 5) Diameter (core) 5 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC cadmium , silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wirest wisted around central filler Shield no Material (gacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ± 5 A Cuber-Q (jacket) S.2 mm ±5% Color (jacket) gray chemical resistance filam retardarot UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacily to DIN VDE 0298-4 Temperature rang	Approval (cable)	UL (AWM-Style 2464/1731), CSA
Resistor (core)max. 60 Dkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19 × 0.15 mm (multi-strand wire class 5)Diameter (core)5 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-0 incl. isolation1.25 mm ± 5%Color/numbering of wiresbr, bk, bl, wh, gnye longitudinally stripedStranding combination5 wires twisted around central fillerShieldnoMaterial (jacket)PVCMaterial igroperty (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)payColor/numbering of wiresbr, bk, bl, wh, gnye longitudinally stripedStranding combination5 wires twisted around central fillerShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.2 mm ± 5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistancefilame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACCurrent load capacityto DIN VDE 0288-4Temperature range (mobile)-5+80 °CBend radius (fixed)5 × outer ØBend radius (moving)10 × outer Ø	Cable weight [g/m]	
Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-O incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material (gacket) QFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC Test voltage 2000 V AC Temperature range (mobile) 480 °C Bend radius (moving) 10× outer Ø	Material (wire)	Cu wire, bare
Construction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)5× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr. bk, bl, wh, gnye longitudinally stripedStranding combination5 wires twisted around central fillerShieldnoMaterial (jacket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.2 mm ± 5%Color (jacket)graychemical resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer ØBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	Resistor (core)	max. 60 Ω/km (20 °C)
Diameter (core) 5 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-0 incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ± 5 A Outer-Ø (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ± 5 A Outer-Ø (jacket) gray Color (jacket) gray Color (jacket) gray Ut and using e UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Single wire Ø (core)	0.15 mm
AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Construction (core)	19× 0.15 mm (multi-strand wire class 5)
Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Diameter (core)	5× 0.34 mm ²
Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	AWG	similar to AWG 22
Shore hardness (wire isolation) 45 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ± 5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 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) 5.× outer Ø Bend radius (fixed) 5.× outer Ø Bend radius (moving) 10× outer Ø	Material (wire isolation)	PVC
Wire-Øincl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, wh, gnye longitudinally stripedStranding combination5 wires twisted around central fillerShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.2 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACCurrer load capacityto DIN VDE 0298-4Temperature range (fixed)-3.0+80 °CBend radius (fixed)5× outer ØBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wiresbr, bk, bl, wh, gnye longitudinally stripedStranding combination5 wires twisted around central fillerShieldnoMaterial (jacket)PVCMaterial properly (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.2 mm ±5%Color (jacket)graychernical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	Shore hardness (wire isolation)	45 ±5 D
Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 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 Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Wire-Øincl.isolation	1.25 mm ±5%
ShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.2 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.2 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	Stranding combination	5 wires twisted around central filler
Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.2 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 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) 5× outer Ø Bend radius (moving) 10× outer Ø	Shield	no
Shore hardness (jacket) 85 ± 5 Å Outer-Ø (jacket) 5.2 mm ± 5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 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 Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Material (jacket)	PVC
Outer-Ø (jacket)5.2 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)5× outer ØBend radius (fixed)5× outer Ø	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	Shore hardness (jacket)	85 ±5 A
chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1 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) 5× outer Ø Bend radius (moving) 10× outer Ø	Outer-Ø (jacket)	5.2 mm ±5%
thermal resistance flame retardant UL 1581 VW1 / CSA FT1 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) 5× outer Ø Bend radius (moving) 10× outer Ø	Color (jacket)	gray
Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBend radius (fixed)5× outer ØBend radius (moving)10× outer Ø	chemical resistance	good resistance to oil, gasoline and chemicals
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) 5× outer Ø Bend radius (moving) 10× outer Ø	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Nominal voltage	UL 300 V AC
Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Test voltage	2000 V AC
Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Temperature range (fixed)	-30+80 °C
Bend radius (moving) 10× outer Ø	-	-5+80 °C
	Bend radius (fixed)	5× outer Ø
Jacket Color gray	Bend radius (moving)	10× outer Ø
	Jacket Color	gray

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: 11/20



Technical Data

Operating voltage	max. 125 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	5
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Stainless steel 1.4404 (V4A)
Material	PUR
suitable for corrugated tube (internal \emptyset)	10 mm
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879111126
eClass	27279218
Packaging unit	1