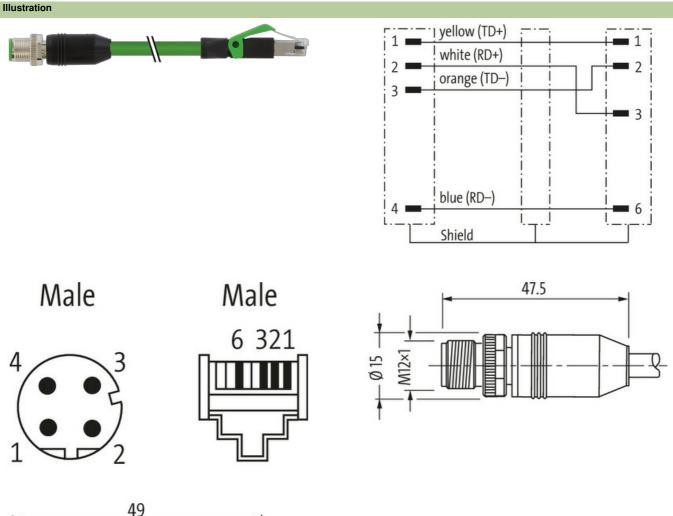


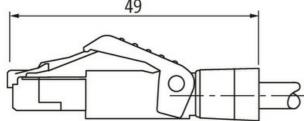
M12 male 0° D-cod. / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA 13m

Male straight – male straight M12 – RJ45, 4-pole D-coded shielded Ethernet CAT5 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





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: 03/22

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PROFI NET

* only for products with UL/CSA approved cable

Technical Data Operating voltage (only UL listed) max. 80 V DC Allead surge voltage (only UL listed) max. 30 V DC Rated surge voltage (only UL listed) max. 15 A (20 °C) Transfer parameters CATS. Classe D (ISO/IEC 11801 2002), (EN 50173-1) Transfer rate up to 100 Moltis full duplox Material group IEC 6064-1, category 1 Coding M12, D coded Compression gland M12 (SW 18) Compression gland M12 (SW 18) Protection IP6 / (M2) - IP20 (R45) Material PUR Locking of ports Zinc die casting, maite nickel plated Sutabio for corrugated tube (internal 2) without Vertection RF6 / (M12) - IP20 (R45) Material PUR Locking on gland Xin die casting, maite nickel plated Sutabio for corrugated tube (internal 2) without Golden Jin die casting, maite nickel plated Sutabio for corrugated tube (internal 2) without Coling Casting	Form	
Operating voltage max. 60 V DC Operating voltage (only UL listed) max. 30 V DC Rated surge voltage 1.0 VV Operating current per contact max. 1 5 A (20 °C) Transfer rate Up 10 100 Mbl/s 5 ull dulpax Material group IEC 60864-1, category 1 Coding M12, D-coded Locking of ports Screew thread (M12 + 1mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IPA7 (M12) · IP20 (Pu45) Material PUR Locking material Zinc die casting, matte nickel plated Suitable for corrugated tubbe (internal 2) without General data PUR Standards DIN EN 61076 2-101 (M12) Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Cable Coll Wolk (SMM Skyle 2054910578), CE conform Cable identification 794 Approval (cable) QUAW Skyle 2054910578), CE conform Cable identification 794 Approval (cable) QUAW Skyle 2054910578), CE conform	Form	44711
Operating voltage (only UL listed) max: 30 V DC Rated surge voltage 1.0 kV Operating current per contact max: 15 A (20 °C) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Material group IEC 5068-11, category I Coding M12, D-ooded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protoction IP67 (M12) - IP20 (RL45) Material PUR Cacking material Zin die casting, matterial class Usching material Zin die casting, matterial class UNIC SCR - Casting WHOU General data J Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -55 450°, depending on cable quality Cable identification 794 Approval (cable) Culfus (AWM-Style 20549/10578), CE-conform Cable identification 75 Cable identific (rof) 75.67 g	Technical Data	
Alade aurge voltage 1.0 kV Operating current per contact max. 1.5 A (20 °C) Transfer parameters CATS. Class D (150/16C 11801/2002), (EN 50173-1) Transfer rate up to 100 Mbits full duplex Material group IEC 60684-1, catagory I Coding M12, Dooded Locking of ports Screw thread (M12+1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IPE7 (M12). IP20 (RL45) Material PUR Locking material Zino die casting, mate nickel plated subtable for corrugated tube (internal O) without General data DIN EN 61076-2-101 (M12) Temperature range -25	Operating voltage	max. 60 V DC
Operating current per contact max. 1.5 A (20 °C) Transfer parameters CATS, Class D (ISO/IE C 11801/2002), (EN 50173-1) Transfer rate up to 100 MbV/s full duplex Material group IEC 60664-1, category 1 Coding M12, D-coded Locking of ports Screew thread (M12+1 mn) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc clic casting, matte nickel plated suitable for corrugated tube (internal O) without General data DIN EN 61076-2-101 (M12) Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Cable curve, bare Cable identification 794 Approval (cable) cURus (AWIM-Style 20549/10578), CE-conform Cable identification 758.7 g Material (wrie) Curve, bare Resistor (core) max. 55 D/km (20 °C) Construction (core) 7. 0.254 mm	Operating voltage (only UL listed)	max. 30 V DC
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer rate up to 100 Mbits full duplex Material group IEC 60694-1, category I Coding M12, D-coded Compression gland M12 (W13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Cocking of corts Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Cocking material Zino dic casting, matte nickel plated Suitable for corrugated tube (internal Ø) without General data DIN EN 61076-2.101 (M12) Polliuton Dagree 3 Temperature range -25+85 °C, depending on cable quality Cable Cablison Approval (cable) CDFus (AVM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) max. 55 Qkm (20 °C). Construction (core) 7.4 2.4MG227 AWG similar to AWG 22 Material (wire isolation)	Rated surge voltage	1.0 kV
Transferrate up to 100 Mbit's full duplex Material group IEC 60664.1, category I Coding M12, D-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RU45) Material PUR Locking material Zinc die casting, mater nickel plated sultable for corrugated tube (internal Ø) without General data DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+65 °C, depending on cable quality Cables Cables Cable identification 794 Approval (cable) CUWrus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (Wro) Cu wire, bare Resistor (core) rax. 55.0km (20 °C) Construction (core) 7.4 v.4 W02227 AWG similar to AWG 22 Material (Wroi Solation) PE Wire-Q Ind. Isolation 798 Colorinumbering of wires wh. ye, bl, or Sheld yes Disarter (core) 1.4 x AW2227 AWG similar to AWG 22 Material (wroi Isolation) PE Wire	Operating current per contact	max. 1.5 A (20 °C)
Material group IEC 80684-1. category I Coding M12, D-coded Locking of ports Screw thread (M12+1 mm) recommended longue 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data Standards Standards DIN EN 61076-2·101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cable identification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) 7.8.75 g Construction (core) 7.0.254 mm Diameter (core) 1.4.4 XWG22/7 AWG similar to AWG22/7 AWG similar to AWG22/7 AWG similar to AWG22/7 AWG similar to AWG22/7 AWG simi	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
CodingM12, D-codedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP67 (M12) · IP20 (R,445)MaterialPURLocking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)withoutGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Tamperature range-25+85 °C, depending on cable qualityCablesCablesCablesULNEN (AWR-Style 20549/10578), CE-conformCable weight [g/m]75.87 gMaterial (wire)Cu wire, bareConstruction (core)7.0.264 mmDiameter (core)1.4.4. AWG22/7AWGsimilar to AWG 22Material (wire isolation)PECidoriumbering of wireswh, ye, bl. orShieldyesOptical form55%Calcifue (core)min. 55%Color (acket)greenColor (acket)greenColor (acket)greenMaterial (socket)Gr m ±5%Color (acket)greenColor (acket)gree	Transfer rate	up to 100 Mbit/s full duplex
Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data DIN EN 61076-2-101 (M12) Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Cable Cablei identification 794 Approval (Cable) Cable identification 794 Approval (Cable) ClRus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75,87 g Material (wrie) Cu wire, bare Resistor (core) max. 55 O/Km (20 °C) Canstruction (core) 7× 0.254 mm Diameter (core) 1× 4 × AWG22/7 AWG similar to AWG 22 Material (wrie is loation) PE Wire-Ø incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, b, or	Material group	IEC 60664-1, category I
Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data Standards Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cables Cable identification 794 Approval (cable) cURus (AVM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7.x 0.254 mm Diameter (core) 1 × 4 AWG22/7 AWG similar to AWG 22 Material (wire isolation) PE Wire-Ø Incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield (cover min. 85% Material (igakeh) PUR	Coding	M12, D-coded
Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal O) without General data Standards DIN EN 61076-2-101 (M12) Standards DIN EN 61076-2-101 (M12) Polizion Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable Cables Cables Cables Cable identification 794 Approval (cable) CU wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (20 °C) Construction (core) 7 × 0.254 mm Diameter (core) max. 55 Ω/km (20 °C) Construction (core) 7 × 0.254 mm Cable weight [g/m] 9 × 0.254 mm Diameter (core) 1 × 4 × AWG22/T AWG similar to AWG 22 Material (wire isolation) PE Wire -Ø incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl, or Sikid yes optical shield cover min. 85% Goldricumbering of wires Wh, ye, Bl, or Sikid yes	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data Image: Standards Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Image: Standards Cable dientification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Costruction (core) 7x 0.254 mm Dimater (core) 1x 4.x AWG22/7 AWG similar to AWG 22 Material (wire isolation) PE Vire-Ø ni. Isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl. or Shield yes optical shield cover mi. 85% Material (gacket) PUR Culer-Ø (gacket) 6.7 mm ±5% Color (gacket) Gor mm ±5% Color (gacket) green che	Compression gland	M12 (SW13)
Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 3 Temperature range 25485 °C, depending on cable quality Coles Cable Cables 2 Cable identification 794 3 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform 3 Cable identification 794 3 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform 3 Cable identification 794 3 Approval (cable) cu wire, bare 3 Cable identification 75.87 g 3 Material (wire) Cu wire, bare 3 Resistor (core) max. 55.0 Km (20 °C) 3 Construction (core) 7 x 0.254 mm 3 Diameter (core) 1 x 4 x AWG22/7 3 AWG similar to AWG 22 3 Color/numbering of wires wh, ye, bl, or 3	Protection	IP67 (M12) - IP20 (RJ45)
suitable for corrugated tube (internal Ø) without General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range 25+85 °C, depending on cable quality Gables Cable dentification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7 × 0.254 mm Diameter (core) 1 × 4 × AWG22/7 AVG similar to AWG 22 Material (wire isolation) PE Wire-Ø incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes Applied yes Applied Yes Color (jacket) PUR Outer-Ø (jacket) PUR Outer-Ø (jacket) Gi resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. Itemperature range (fixed) 40+80 °C Temperature range (fixed) 40+80 °C	Material	PUR
General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cable Cables Cable identification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7.8.0254 mm Diameter (core) 1×4 × AWG22/7 AWG similar to AWG 22 Material (wire isolation) PE Vire-Ø incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) green chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. thermal resistance Oil resistance according to UL 1581 section 1000, section 1100 (FT2), IEC 60332-1-2 Std.	Locking material	Zinc die casting, matte nickel plated
Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight (g/m] 75,87 g Material (wire) Cu wire, bare Cable weight (g/m] 75,87 g Material (wire) Cu wire, bare Cable weight (g/m] 75,87 g Material (wire) Cu wire, bare Cable weight (g/m] 75,87 g Material (wire) Cu wire, bare Construction (core) 74.0254 mm Diameter (core) 7x.0254 mm Cole weight (g/m] 74.0254 mm Diameter (core) 1x4 × AWG22/7 AWG Similar to AWG 22 Material (wire isolation) PE Color/numbering of wires wh, ye, bl, or Shield yes Sol/material (sizetion) Yes Sol/material (sizetion) Yes Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) Green Color (jacket) Green Outer-Ø (jacket) green Color (jacket)	suitable for corrugated tube (internal Ø)	without
Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification Cable identification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) max. 55 0/km (20 °C) Construction (core) 7x 0.25 4 mm Diameter (core) 1x 4x AWG22/7 AWG similar to AWG 22 Material (wire isolation) PE Wire-Ø incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl, or Shild yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) green chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. thermal resistance flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) 40+80 °C	General data	
Temperature range -25+85 °C, depending on cable quality Cables Cable identification 794 Approval (cable) cURus (AWM-Style 20549/10578), CE-conform Cable weight [g/m] 75.87 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7 × 0.254 mm Diameter (core) 1 × 4 × AWG22/7 AWG similar to AWG 22 Material (wire isolation) PE Wire-Ø incl. isolation 1.55 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) green chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. hermal resistance filme-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	Standards	DIN EN 61076-2-101 (M12)
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Cable identification794Approval (cable)cURus (AWM-Style 20549/10578), CE-conformCable weight [g/m]75,87 gMaterial (wire)Cu wire, bareResistor (core)max. 55 Ω/km (20 °C)Construction (core)7× 0.254 mmDiameter (core)1× 4× AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (acket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistancefilame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Temperature range	-25+85 °C, depending on cable quality
Approval (cable)cURus (AWM-Style 20549/10578), CE-conformCable weight [g/m]75.87 gMaterial (wire)Cu wire, bareResistor (core)max. 55 Ω/km (20 °C)Construction (core)7 × 0.254 mmDiameter (core)1 × 4 × AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistance100 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Cables	
Cable weight [g/m]75.87 gMaterial (wire)Cu wire, bareResistor (core)max. 55 Ω/km (20 °C)Construction (core)7× 0.254 mmDiameter (core)1× 4× AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistancefilame-retardant according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistancefilame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Cable identification	794
Material (wire)Cu wire, bareResistor (core)max. 55 Ω/km (20 °C)Construction (core)7× 0.254 mmDiameter (core)1× 4× AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistancefoil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Approval (cable)	cURus (AWM-Style 20549/10578), CE-conform
Resistor (core)max. 55 Ω/km (20 °C)Construction (core)7 × 0.254 mmDiameter (core)1 × 4 × AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)greenchomical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-30+70 °C	Cable weight [g/m]	75,87 g
Construction (core)7× 0.254 mmDiameter (core)1× 4× AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Material (wire)	Cu wire, bare
Diameter (core)1× 4× AWG22/7AWGsimilar to AWG 22Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greencolor (jacket)Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Resistor (core)	max. 55 Ω/km (20 °C)
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Material (wire isolation)PEWire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Diameter (core)	1× 4× AWG22/7
Wire-Ø incl. isolation1.55 mm ±5%Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	AWG	similar to AWG 22
Color/numbering of wireswh, ye, bl, orShieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Material (wire isolation)	PE
Shieldyesoptical shield covermin. 85%Material (jacket)PUROuter-Ø (jacket)6.7 mm ±5%Color (jacket)greenColor (jacket)Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Wire-Ø incl. isolation	1.55 mm ±5%
optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) green chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. thermal resistance flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	Color/numbering of wires	wh, ye, bl, or
Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) green chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. thermal resistance flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	Shield	yes
Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) green chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. thermal resistance flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	optical shield cover	min. 85%
Color (jacket)greenchemical resistanceOil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.thermal resistanceflame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.Nominal voltage300 VTemperature range (fixed)-40+80 °CTemperature range (mobile)-30+70 °C	Material (jacket)	PUR
chemical resistance Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. thermal resistance flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	Outer-Ø (jacket)	6.7 mm ±5%
thermal resistance flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	Color (jacket)	green
Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	chemical resistance	Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.
Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C	thermal resistance	flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.
Temperature range (mobile) -30+70 °C	Nominal voltage	300 V
	Temperature range (fixed)	-40+80 °C
Bend radius (fixed) 6× outer Ø	Temperature range (mobile)	-30+70 °C
	Bend radius (fixed)	6× outer Ø

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Bend radius (moving)	12× outer Ø	
Commercial data		
country of origin	DE	
customs tariff number	85444290	
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