

## M12 male 0° / M12 male, 0°, shielded, Ethernet

PUR 2x2xAWG22 shielded gn UL/CSA 50m

Ethernet CAT5e
Male straight – male straight
M12 – M12, 4-pole
D-coded
shielded

Further cable lengths on request.

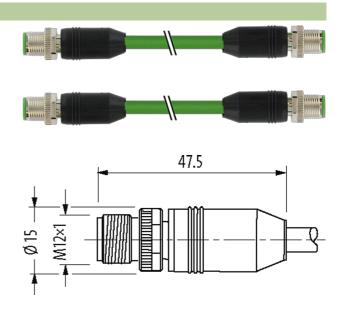
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Transmission properties with channel transmission up to 100 m

### **Link to Product**

### Illustration



Product may differ from Image

### **Approvals**



\* only for products with UL/CSA approved cable

cCSAus

#### More Info



# Form

Form 44511

# Technical Data

Operating voltage max. 60 V DC

Operating voltage (only UL listed) max. 30 V DC

The information in this brochure has been compiled with the utmost care.



stay connected

Material group         IEC 608641, canagory 1           Transfer parameters         CATSC, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Transfer rate         Up 16 100 Mb/St ill duplors           Coding         Ch-coded           Locking of ports         Screw thread (M12×1 mm) recommended broque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         JP65, PB6K, IP67 inserted and lightered (EN 60529)           Locking analysts         2 fine die casting, matte nickel plated           Material         PUR           Concert die Commanded Up (internal 6)           Wince Commanded Up (internal 6) <th <="" colspan="2" th=""><th>Rated surge voltage</th><th>1.5 kV</th></th>	<th>Rated surge voltage</th> <th>1.5 kV</th>		Rated surge voltage	1.5 kV
Transfer parameters CATSe, Class D (ISO/IEC 11801 2002), (EN 50173-1) Transfer rate up to 100 Motes Nul opipex Coding D-coded uppex Coding D-coded uppex Compression gland M12 (SWTS) Prosection IPSS, PEGK, IPS7 inserted and Sightened (EN 60529) Locking praterial Malorial PUR Subable for corrugated fube (Internal 0) Wilhout Concretation of the Corrugated fube (Internal 0) Subable for corrugated fube (Internal 0) Wilhout Concretation IPSS, IPSGK, IPS7 inserted and Sightened (EN 60529) Locking material Malorial PUR Subable for corrugated fube (Internal 0) Wilhout Concretation Concretation  DIN EN 61078 2-101 (M12) Standards  DIN EN 61078 2-101 (M12) Standards  DIN EN 61078 2-101 (M12)  Temperature range -25188 "C, depending on cable quality  Cables  No.Jainameter of wires 2.2 x AVX2277 (0.355) Wile isolation PR (Wh. ys. bl. or) Jainable (Color green and 1998) Bend radius (moving) 12x outer 0 Temperature range (mobel) -3070 "C Cable idolinication 744 Approval (cable) UV wire, base Bend radius (moving) 75.87 Material (prive) Resister (core) 7 x 0.254 mm Diameter (core) 9 x 1 x 0.254 mm Diameter (core) 9 x 2 x 0.05227 (0.355) Material (jacket) 9 x 1 x 0.254 mm Diameter (core) 9 x 1 x 0.254 mm Diame	Operating current per contact	max. 4 A		
Transfer rate         Up to 100 Motifs full duplex           Coding         D-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.8 Nm, self-securing           Compression gland         M12 (SW15)           Protection         IP66 (F96K; IP67 inserted and lightened (EN 80529)           Locking material         PUR           suitable for corrugated tube (internal O)         without           Central data           DIN EN 81076 2-101 (M12)           Standards         DIN EN 81076 2-101 (M12)           Central data           DIN EN 81076 2-101 (M12)           Standards           DIN EN 81076 2-101 (M12)           Standards <th colspan<="" td=""><td>Material group</td><td>IEC 60664-1, category I</td></th>	<td>Material group</td> <td>IEC 60664-1, category I</td>	Material group	IEC 60664-1, category I	
Coding of ports         D coded           Locking of ports         Server thread (M12-1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         P65, P66K, P67 insented and lightened (EN 60529)           Locking material         Zinc die casting, material en level plated           Material         PUR           Suitable for corrugated tube (internal 0)         without           Ceneral date           Sistandards           DIN EN 61076 2-101 (M12)           Sistandards           DIN	Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)		
Looking of ports         Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Profession         IP65, [P66K, [P67 inserted and fightened (EN 60529)           Locking material         Zinc die cesting, matte nickel plated           Malerial         PUR           Stindlands         DIN EN 81076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, fightened           Temperature range         -25 - 85 °C, depending on cable quality           Cables         Viviliamoler of viros           Noi, diamoler of viros         2 * 2 * AW3227 (0.355)           Wife initiation         PE (wh. ya. bl. or)           Jacket Color         green           Marierial (jacket)         PUR (ULCSA)           Outer 2         6 7 mm ±5%           Bend radius (moving)         12 * outer 0           Temperature range (fixed)         -40 * -80 °C           Temperature (stoket)         UL (AWM-Syle 20233/10578), CSA; CE           Cable identification         74           Approval (cable)         UL (AWM-Syle 20233/10578), CSA; CE           Cable weight (grim         75,87           Material (wive)         Cu wire, bare           Resistor (core)	Transfer rate	up to 100 Mbit/s full duplex		
Compression gland         M12 (SW13)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)           Locking material         Zime die casting, mater nickel plated           Material         PUR           suitable for corrugated tube (internal O)         without           General data         Standards           Slandards         DIN EN 61076-2-101 (M12)           Slandards         DIN EN 61076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, lightened           Temporature range         -25485 °C, depending on cable quality           Cables         No./clamater of wires           No./clamater of wires         -2 × AWG327 (0.355)           Wire isolation         PE (wh. ye.)L. or)           Jacket Color         green           Material (gasket)         PER (ULCSA)           Outer Ø         6 × m ±5%           Bend radius (moving)         12 × outer Ø           Temperature range (fixed)         -4080 ° °C           Cable identification         794           Approval (cable)         UL (AWM-Syle 20233/10578), CSA; CE           Cable weight (gm)         75.87           Material (wire)         Ou wire, bare           Resistant (c	Coding	D-coded		
Protection         IP65, IP66K, IP67 inserted and tightened (EN 60528)           Locking material         Zm die ceating, matte nickel plated           Material         PUR           suitable for corrugated tube (internal Ø)         without           General data           Standards         DIN EN 61076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, Eightened           Tomporature range           Cables         Standards           Wire isolation         PE (with ye, bl. or)           Jacket Color         green           Martineral (jacket)         PUR (LUCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 x outer Ø           Temperature range (fixed)         40 - 480 °C           Temperature range (fixed)         40 - 480 °C           Cable identification         74           Approval (cable)         UL (ARWA Sylie 2023910578), CSA; CE           Cable identification (core)         7 x 0.254 mm           Cable identification (core)         7 x 0.254 mm           Diameter (core)         max: 55 DAm (20 °C)           Construction (core)         7 x 0.254 mm           Diameter (sore)         9 x 30	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing		
Locking material         Zinc die casting, matte nickel plated           Malarial         PUR           suitable for corrugated tube (internal 2)         without           General dats         DIN EN 61076-2-101 (M12)           Standards         DIN EN 61076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, sightened           Temperature range         -25485 °C, depending on cable quality           Cables         Cables           Wive isolation         PE (wh. ye, bl. or)           Jacket Color         green           Material (gacket)         PLR (ULCSA)           Cuber O         6.7 mm ±5%           Bend radius (mowing)         12× outer O           Temperature range (fixed)         -40480 °C           Temperature range (fixed)         -40480 °C           Cable identification         74           Approval (cable)         UL (AWM-Style 2023310578), CSA; CE           Cable identification         75           Moterial (wire)         Cu wire, bare           Resistor (core)         max. 55 (Dkm (20 °C)           Construction (core)         7x 0.254 mm           Diameter (core)         2x 2 x AWG227 (0.355)           Wire-O Incl. Isolation	Compression gland	M12 (SW13)		
Material         PUR           General data           Standards         DIN EN 61076 2-101 (M12)           Follution Degree         3           Mounting method         inserted, lightened           Temperature range         25 - 48 5 °C, depending on cable quality           Cables           No. diameter of wires         2 x 2 x AWG227 (0.355)           Wire isolation         PE (wh. ye, bl. or)           Jacket Color         green           Material (jacket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Beand radius (moving)         12 x outer Ø           Temperature range (fixed)         -40 - 480 °C           Temperature range (fixed)         -40 - 480 °C           Temperature range (fixed)         -40 - 480 °C           Temperature range (fixed)         -5.87           Material (wire)         Cu wire, bare           Resistor (core)         7 x 0.254 mm           Diameter (core)         2 x 2 x AWG227 (0.355)           Material (wire isolation)         PE           Wire-Dial isolation         PE           Wire-Dial isolation         PE           Wire-Dial isolation         1.55 mm ±5%           Colorhumbering of wires         wh, ye, bi, or     <	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)		
Seneral data         Without           Standards         DN EN 61076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, tightened           Temperature range         -25485 °C, depending on cable quality           Cables         Cables           Wire isolation         PE (wh. ye. bl. or)           Jackel Color         green           Material (gicket)         PUR (ULCSA)           Outer Ø         6.7 mm 25%           Bend radius (moving)         12× outer Ø           Temperature range (fixed)         -4080 °C           Temperature range (mobile)         -3070 °C           Cable weight (pm)         75.87           Material (wire)         Cu wire, bare           Cable weight (pm)         75.87           Material (wire)         Cu wire, bare           Construction (core)         7x 0.254 mm           Diameter (core)         2x 2 AWG227 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire-Q Incl. Isolation         PE           Wire-Q Incl. Isolation         PE           Wire-Q Incl. Isolation         Mp. b. In           Color/numbering of wires         wh.	Locking material	Zinc die casting, matte nickel plated		
General data         DIN EN 61076-2-101 (M12)           Standards         DIN EN 61076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, Spithened           Temperature range         -2585° °C, depending on cable quality           Cables           No./diameter of wires         2 - 2 - ANG227 (0.355)           Wire solation         PE (wh, ye, bl. or)           Jackel Color         green           Material (glocket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 - outer Ø           Temperature range (movible)         -4080° °C           Temperature range (mobile)         -9070° °C           Cable identification         79.4           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight (gm)         75.87           Material (wire)         Cu wire, bare           Resistor (core)         nax. 55 Dkm (20° °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 AWG227 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire-O incl. isolation <t< td=""><td>Material</td><td>PUR</td></t<>	Material	PUR		
Standards         DIN EN 61076-2-101 (M12)           Pollution Degree         3           Mounting method         inserted, tightened           Temperature range         -25+85 °C. depending on cable quality           Cables         Part (Comment)           No./diameter of wires         2 + 2 × AWG22/7 (0.955)           Wire isolation         PE (wh. ye. bl. or)           Jacket Color         green           Maderial (jacket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 × outer Ø           Temperature range (fixed)         40 - 480 °C           Temperature range (fixed)         40 - 480 °C           Temperature range (mobile)         30 - 470 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 2023/10578), CSA; CE           Cable weight (gim)         75 8.7           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Q/km (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 x MVG22/7 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire Qincl. isolation         1.	suitable for corrugated tube (internal Ø)	without		
Pollution Degree         3           Mourning method         inserted, tightened           Temperature range         25485 °C, depending on cable quality           Cables         No./diameter of wires           No./diameter of wires         2 × 2 × AWG22/7 (0.355)           Wire isolation         PE (wh. ye, bl, or)           Jacket Color         green           Material (jacket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 × outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [gim]         75,87           Material (wire)         Cu wire, bare           Resistor (core)         max. 50 km (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG227 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire-Ø incl. isolation         1.55 mm ±5%           Color/umbering of wires         wh. ye. bl. or           Shield         yes	General data			
Mounting method         inserted, tightened           Temperature range         -25+85 °C, depending on cable quality           Cables           Wire isolation         PE (wh, ye, bl, or)           Jacket Color         green           Material (jackek)         PUR (ULCSA)           Outor O         6.7 mm ±5%           Bend radius (moving)         12× outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (fixed)         -3070 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75,87           Material (wire)         Cu wire, bare           Pesistor (core)         max. 55 Okm (20 °C)           Construction (core)         70.254 mm           Diameter (core)         2 × 2 × AWG227 (0.355)           AWG         similar to AWG 22           Wire-Ø Incl. isolation         1.55 mm ±5%           Color/matering of wires         wh. ye, bl. or           Shield         yes           Optical shield cover         min. 85%           Material (jacket)         PUR           Outer-Ø (jacken)         6.7 mm ±5%           Color/jacken)	Standards	DIN EN 61076-2-101 (M12)		
Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         2 × 2 × AWG2227 (0.355)           Wire isolation         PE (wh. ye. bl., or)           Jacket Color         green           Material (jacket)         PUR (UL/CSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 × outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AVMM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ωkm (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG227 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire-Ø Incl. isolation         1.55 mm ±5%           Color/mumbering of wires         wh. ye. bl., or           Shield         yes           optical shield cover         min. 85%           Material (jacket)         PUR           Oute	Pollution Degree	3		
Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         2 × 2 × AWG2227 (0.355)           Wire isolation         PE (wh. ye. bl., or)           Jacket Color         green           Material (jacket)         PUR (UL/CSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 × outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AVMM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ωkm (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG227 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire-Ø Incl. isolation         1.55 mm ±5%           Color/mumbering of wires         wh. ye. bl., or           Shield         yes           optical shield cover         min. 85%           Material (jacket)         PUR           Oute		inserted, tightened		
Cables           No. diameter of wires         2 x 2 x AWG227 (0.355)           Wire isolation         PE (wh. ye. bl. or)           Jacket Color         green           Material (jacket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 x outer Ø           Temperature range (fixed)         40480 °C           Temperature range (mobile)         3070 °C           Cable identification         794           Approval (cable)         UL (AWW-Style 20233/10578), CSA; CE           Cable weight (g/m)         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55.0/km (20 °C)           Construction (core)         7 x 0.254 mm           Diameter (core)         2 x 2 x AWG2227 (0.355)           AMCG         similar to AWG 22           Material (wire isolation)         PE           Wire-Ø incl. isolation         1.55 mm ±5%           Color/mubering 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)         gen		-		
No./diameter of wires         2× 2× AWG227 (0.355)           Wire isolation         PE (wh, ye, bl, or)           Jacket Color         green           Material (jacket)         PUR (UL/CSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12× outer Ø           Temperature range (fixed)         40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ωkm (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2× 2× AWG227 (0.355)           AWG         similar to AWG 22           Material (wire isolation)         PE           Wire-Ø incl. isolation         PE           Wire-Ø incl. isolation         1.55 mm ±5%           Color/inumbering of wires         wh. ye. bl. or           Shield         yes           optical shield cover         min. 85%           Material (jacket)         PUR           Cuter-Ø (jacket)         6.7 mm ±5%           Color/ (j				
Wire isolation         PE (wh, ye, bl. or)           Jacket Color         green           Material (jacket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12× outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75,87           Material (wire)         Cu wire. bare           Resistor (core)         max. 55 Ωkm (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG227 (0.355)           AWG         similar to AWG 22           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)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         flame retardant           Nominal voltage         300 V           Temperature range (mobile)<		2., 2., AW(C22/7 (0.255)		
Jacket Color         green           Material (jacket)         PUR (UL/GSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12× outer Ø           Temperature range (fixed)         40. +80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/km (20 °C)           Construction (core)         7× 0.254 mm           Diameter (core)         2× 2× AWG227 (0.355)           AWG         similar to AWG 22           Witer-Ø (incl. 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)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         flame relardant           Nominal voltage         300 V           Temperature range (fixed)				
Material (jacket)         PUR (UL/CSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12× outer Ø           Temperature range (fixed)         -40+80 ° C           Temperature range (mobile)         -30+70 ° C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/m (20 °C)           Construction (core)         7× 0.254 mm           Diameter (core)         2× 2× AWG227 (0.355)           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 (facket)         PUR           Outer-Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         flame retardant           hominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C				
Outer Ø         6.7 mm ±5%           Bend radius (moving)         12 × outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Gabie weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/km (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG22/7 (0.355)           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)         6.7 mm ±5%           Color (jacket)         geen           chemical resistance         flame retardant           hominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C				
Bend radius (moving)         12× outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/km (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG22/7 (0.355)           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)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -3				
Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75.87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ωkm (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG227 (0.355)           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)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed) <td></td> <td></td>				
Temperature range (mobile) -30+70 °C Cable identification 794 Approval (cable) UL (AWM-Style 20233/10578), CSA; CE Cable weight [g/m] 75,87 Material (wire) Cu wire, bare Resistor (core) max. 55 Ωkm (20 °C) Construction (core) 7 × 0.254 mm Diameter (core) 2x 2 × AWG22/7 (0.355) 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) 6.7 mm ±5% Color (jacket) green chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant Nominal voltage 300 V Temperature range (fixed) 4.0+80 °C Temperature range (mobile) 3.0+70 °C Bend radius (fixed) 6. vuer Ø				
Cable identification         794           Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75,87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/km (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG22/7 (0.355)           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)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6 × outer Ø				
Approval (cable)         UL (AWM-Style 20233/10578), CSA; CE           Cable weight [g/m]         75,87           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/km (20 °C)           Construction (core)         7 × 0.254 mm           Diameter (core)         2 × 2 × AWG22/7 (0.355)           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)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6 × outer Ø				
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Color (jacket)  chemical resistance  good resistance to oil, gasoline and chemicals  thermal resistance  flame retardant  Nominal voltage  300 V  Temperature range (fixed)  -40+80 °C  Temperature range (mobile)  -30+70 °C  Bend radius (fixed)  6× outer Ø	Material (jacket)			
chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant  Nominal voltage 300 V  Temperature range (fixed) -40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 6× outer Ø	Outer-Ø (jacket)			
thermal resistance flame retardant  Nominal voltage 300 V  Temperature range (fixed) -40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 6× outer Ø	· · · · · · · · · · · · · · · · · · ·			
Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Bend radius (fixed) 6× outer Ø	chemical resistance			
Temperature range (fixed) -40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 6× outer Ø	thermal resistance			
Temperature range (mobile) -30+70 °C  Bend radius (fixed) 6× outer Ø	Nominal voltage			
Bend radius (fixed) 6× outer Ø	Temperature range (fixed)			
	Temperature range (mobile)	-30+70 °C		
Bend radius (moving) 12× outer Ø	Bend radius (fixed)	6× outer Ø		
	Bend radius (moving)	12× outer Ø		

The information in this brochure has been compiled with the utmost care.

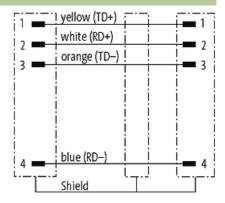
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# stay connected

Commercial data		
country of origin	DE	
customs tariff number	85444290	
EAN	4048879556002	
eClass	27061801	
Packaging unit	1	

## Sketch



Male

Male





Product may differ from Image