

## 7/8" male 0° / 7/8" female 90°

PUR 5x1.0 gy 0.5m

Male straight – females 90° 7/8" – 7/8", 5-pole Power cable

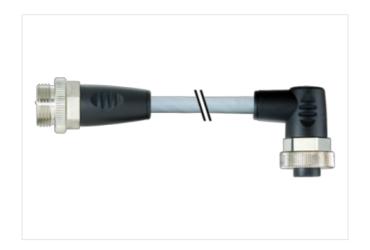
Further cable lengths on request.

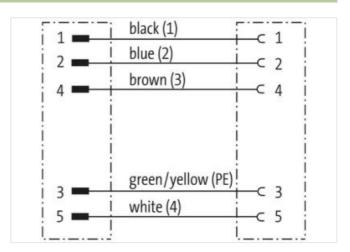
Plastic housings with good resistance against chemicals and oils.

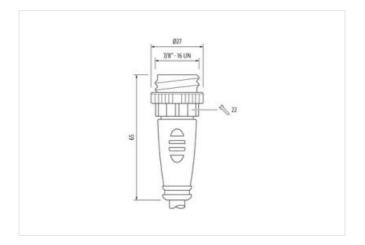
The resistance to aggressive media should be individually tested for your application. Further details on request.

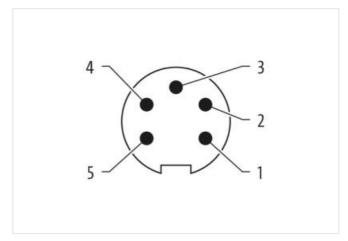
## **Link to Product**

## Illustration



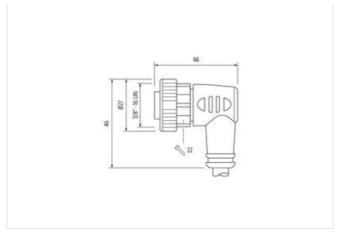


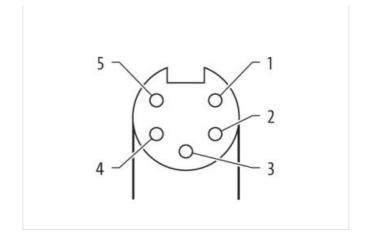






stay connected





Product may differ from Image



## \* only for products with UL/CSA approved

| Operating current per contact         max. 12 A           No. of poles         5           Material group         IEC 60664-1, category I           Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and tightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data         Pollution Degree         3           Temperature range         25+85 °C, depending on cable quality           Cables         No./diameter of wires         5×1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable dentification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         8.9.9           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5×1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%  | Form                            |   |
|---|---------------------------------|---|
| Operating voltage         max. 230/400 V AC/DC           Rated surge voltage         3.0 kV           Operating current per contact         max. 12 A           No. of poles         5           Material group         IEC 60664-1, category I           Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and tightened (EN 60529)           Compression gland         78" (1.5 Nm, SW22)           General date         Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables         Wire isolation         PP (0r, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Cable veight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         \$ x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         \$ 0.5 D           Wire-Ø incl. isolation         \$ 0.0 mm ±5%           Color/numbering  | Form                            | 50031   |
| Rated surge voltage         3.0 kV           Operating current per contact         max. 12 A           No. of poles         5           No. of poles         1EC 60664-1, category I           Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and lightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data         Publishion Degree           3         3           Temperature range         -25+85 °C, depending on cable quality           Cobles         Vire solation           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable weight [g/m]         86.9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         \$ x 1.0 mm²           AVG         similar to AWG 17           Material (wire isolation)         PP           Short will be a contracted to the properties of the prope | Technical Data                  |   |
| Operating current per contact         max. 12 A           No. of poles         5           Material group         IEC 60664-1, category I           Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and tightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data           Pollution Degree           3           Temperature range           -25+85 °C, depending on cable quality           Cables           Wire isolation           Poly (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable udentification         965           Cable unumber         965           Cable uveleght [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19,5 G/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         \$ x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         5 wires twisted around central filler   | Operating voltage               | max. 230/400 V AC/DC  |
| No. of poles         5           Material group         IEC 60664-1, category I           Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and tightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data         Pollution Degree         3           Temperature range         25+85 °C, depending on cable quality           Cables         No./diameter of wires         5 × 1.0 mm²           Wire isolation         PP (br. wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable enumber         965           Cable intification         965           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5 × 1.0 mm²           AwtGal (wire isolation)         PP           Shore hardness (wire isolation)         60 ± 5 D           Wire-Ø (not. isolation)         5 wires twisted around central filler           Stranding combination         5 wires twisted around central filler  | Rated surge voltage             | 3.0 kV  |
| Material group         IEC 60664-1, category I           Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and tightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data           Pollution Degree           3           Temperature range         25+85 °C, depending on cable quality           Cables           No./diameter of wires         5 x 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ± 5 D           Wire-Ø incl. isolation         5 wires twisted around central filler  | Operating current per contact   | max. 12 A   |
| Locking of ports         Screw thread 7/8" (recommended torque 1.5 Nm) self-securing           Protection         IP67 inserted and tightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         5 × 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86.9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5 x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         P           Shore hardness (wire isolation)         60 ± 5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh. br, num; gnye longitudinally striped           Stranding combination         5   | No. of poles                    | 5   |
| Protection         IP67 inserted and tightened (EN 60529)           Compression gland         7/8" (1.5 Nm, SW22)           General data           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         5 × 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         89, 9           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5 x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler   | Material group                  | IEC 60664-1, category I                                     |
| Compression gland         7/8" (1.5 Nm, SW22)           General data           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         5 × 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Cable number         66 9 g           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5 × 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ± 5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl. bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler   | Locking of ports                | Screw thread 7/8" (recommended torque 1.5 Nm) self-securing |
| General data           Pollution Degree         3           Temperature range         -25+85°C, depending on cable quality           Cables           Wire isolation         5× 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5× 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         PP           Shore hardness (wire isolation)         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler  | Protection                      | IP67 inserted and tightened (EN 60529)                      |
| Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         5× 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5× 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         0 ± 5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler   | Compression gland               | 7/8" (1.5 Nm, SW22)   |
| Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         5x 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86.9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler  | General data                    |   |
| Cables           No./diameter of wires         5× 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5× 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler  | Pollution Degree                | 3   |
| No./diameter of wires         5 × 1.0 mm²           Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5 × 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler   | Temperature range               | -25+85 °C, depending on cable quality                       |
| Wire isolation         PP (br, wh, bl, bk num, gnye)           Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler  | Cables                          |   |
| Outer Ø         7.2 mm ±5%           Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5× 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler   | No./diameter of wires           | 5× 1.0 mm²  |
| Cable identification         965           Cable number         965           Approval (cable)         CE           Cable weight [g/m]         86,9 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 19.5 Ω/km (20 °C)           Single wire Ø (core)         0.2 mm           Diameter (core)         5x 1.0 mm²           AWG         similar to AWG 17           Material (wire isolation)         PP           Shore hardness (wire isolation)         60 ±5 D           Wire-Ø incl. isolation         2.0 mm ±5%           Color/numbering of wires         bl, bk, wh, br, num; gnye longitudinally striped           Stranding combination         5 wires twisted around central filler  | Wire isolation                  | PP (br, wh, bl, bk num, gnye)                               |
| Cable number965Approval (cable)CECable weight $[g/m]$ 86,9 gMaterial (wire)Cu wire, bareResistor (core) $max. 19.5 \Omega/km (20  ^{\circ}C)$ Single wire Ø (core) $0.2  mm$ Diameter (core) $5 \times 1.0  mm^2$ AWGsimilar to AWG 17Material (wire isolation)PPShore hardness (wire isolation) $60 \pm 5  D$ Wire-Ø incl. isolation $2.0  mm \pm 5\%$ Color/numbering of wiresbl, bk, wh, br, num; gnye longitudinally stripedStranding combination $5  wires  twisted around central filler$   | Outer Ø                         | 7.2 mm ±5%  |
| Approval (cable)CECable weight [g/m]86,9 gMaterial (wire)Cu wire, bareResistor (core)max. 19.5 Ω/km (20 °C)Single wire Ø (core)0.2 mmDiameter (core)5× 1.0 mm²AWGsimilar to AWG 17Material (wire isolation)PPShore hardness (wire isolation)60 ±5 DWire-Ø incl. isolation2.0 mm ±5%Color/numbering of wiresbl, bk, wh, br, num; gnye longitudinally stripedStranding combination5 wires twisted around central filler   | Cable identification            | 965   |
| Cable weight [g/m]86,9 gMaterial (wire)Cu wire, bareResistor (core)max. 19.5 Ω/km (20 °C)Single wire Ø (core)0.2 mmDiameter (core)5x 1.0 mm²AWGsimilar to AWG 17Material (wire isolation)PPShore hardness (wire isolation)60 ±5 DWire-Ø incl. isolation2.0 mm ±5%Color/numbering of wiresbl, bk, wh, br, num; gnye longitudinally stripedStranding combination5 wires twisted around central filler   | Cable number                    | 965   |
| Material (wire)Cu wire, bareResistor (core) $max. 19.5 \Omega/km (20  ^{\circ}C)$ Single wire $\emptyset$ (core) $0.2  mm$ Diameter (core) $5 \times 1.0  mm^2$ AWGsimilar to AWG 17Material (wire isolation)PPShore hardness (wire isolation) $60 \pm 5  D$ Wire- $\emptyset$ incl. isolation $2.0  mm \pm 5\%$ Color/numbering of wiresbl, bk, wh, br, num; gnye longitudinally stripedStranding combination $5  wires twisted around central filler$   | Approval (cable)                | CE  |
| Resistor (core)max. 19.5 $Ω$ /km (20 °C)Single wire $Ø$ (core)0.2 mmDiameter (core) $5×1.0$ mm²AWGsimilar to AWG 17Material (wire isolation)PPShore hardness (wire isolation) $60 \pm 5$ DWire- $Ø$ incl. isolation $2.0$ mm $\pm 5\%$ Color/numbering of wiresbl, bk, wh, br, num; gnye longitudinally stripedStranding combination $5$ wires twisted around central filler  | Cable weight [g/m]              | 86,9 g  |
| Single wire Ø (core)       0.2 mm         Diameter (core)       5x 1.0 mm²         AWG       similar to AWG 17         Material (wire isolation)       PP         Shore hardness (wire isolation)       60 ±5 D         Wire-Ø incl. isolation       2.0 mm ±5%         Color/numbering of wires       bl, bk, wh, br, num; gnye longitudinally striped         Stranding combination       5 wires twisted around central filler   | Material (wire)                 | Cu wire, bare   |
| Diameter (core) 5x 1.0 mm²  AWG similar to AWG 17  Material (wire isolation) PP  Shore hardness (wire isolation) 60 ±5 D  Wire-Ø incl. isolation 2.0 mm ±5%  Color/numbering of wires bl, bk, wh, br, num; gnye longitudinally striped  Stranding combination 5 wires twisted around central filler   | Resistor (core)                 | max. 19.5 Ω/km (20 °C)                                      |
| AWG similar to AWG 17  Material (wire isolation) PP  Shore hardness (wire isolation) 60 ±5 D  Wire-Ø incl. isolation 2.0 mm ±5%  Color/numbering of wires bl, bk, wh, br, num; gnye longitudinally striped  Stranding combination 5 wires twisted around central filler   | Single wire Ø (core)            | 0.2 mm  |
| Material (wire isolation) PP Shore hardness (wire isolation) 60 ±5 D Wire-Ø incl. isolation 2.0 mm ±5% Color/numbering of wires bl, bk, wh, br, num; gnye longitudinally striped Stranding combination 5 wires twisted around central filler  | Diameter (core)                 | 5× 1.0 mm <sup>2</sup>                                      |
| Shore hardness (wire isolation) 60 ±5 D Wire-Ø incl. isolation 2.0 mm ±5% Color/numbering of wires bl, bk, wh, br, num; gnye longitudinally striped Stranding combination 5 wires twisted around central filler   | AWG                             | similar to AWG 17   |
| Wire-Ø incl. isolation     2.0 mm ±5%       Color/numbering of wires     bl, bk, wh, br, num; gnye longitudinally striped       Stranding combination     5 wires twisted around central filler   | Material (wire isolation)       | PP  |
| Color/numbering of wires bl, bk, wh, br, num; gnye longitudinally striped  Stranding combination 5 wires twisted around central filler  | Shore hardness (wire isolation) | 60 ±5 D   |
| Stranding combination 5 wires twisted around central filler   | Wire-Ø incl. isolation          | 2.0 mm ±5%  |
| · · · · · · · · · · · · · · · · · · ·   | Color/numbering of wires        | bl, bk, wh, br, num; gnye longitudinally striped            |
| Shield no   | Stranding combination           | 5 wires twisted around central filler                       |
|   | Shield                          | no  |

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: 2022-11-13



| 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)                | 81 ±5 A / 90 ±5 A  |
| Outer-Ø (jacket)                       | 7.2 mm ±5%   |
| Color (jacket)                         | gray   |
| Jacket Color                           | gray   |
| Nominal voltage                        | 600 V AC   |
| Test voltage                           | 3000 V AC  |
| Current load capacity                  | to DIN VDE 0298-4  |
| Temperature range (fixed)              | -30+70 °C  |
| Temperature range (fixed)              | -30+70 °C  |
| Temperature range (mobile)             | -5+70 °C   |
| Temperature range (mobile)             | -5+70 °C   |
| Bend radius (fixed)                    | 7.5× outer Ø   |
| Bend radius (moving)                   | 10× outer Ø  |
| Bend radius (moving)                   | 10× outer Ø  |
| Material (jacket)                      | PUR/PVC  |
| Product article number of manufacturer | 7000-50031-9650050   |
| Cable length                           | 0,5 m  |