



D see data sheet cable

**Technical specification :**

|                                     |                           |
|-------------------------------------|---------------------------|
| Rated voltage:<br>IEC 61076-2-104   | 30 V                      |
| Current rating:<br>IEC 61076-2-104  | 1,5 A at 40°C             |
| Insulation resistance:<br>IEC 60512 | >=100 MΩ                  |
| Pollution degree:<br>IEC 60664-1    | 3/2                       |
| Degree of protection:<br>IEC 60529  | IP 67, in mated condition |
| Temperature range:<br>IEC 60664-1   | -30°C ... +80°C           |
| Mating cycles:<br>IEC 60512-9a      | >=100                     |

**Materials:**

|                  |                      |
|------------------|----------------------|
| Contact:         | CuZn                 |
| Contact plating: | Nickel, gold plated  |
| Contact carrier: | TPU GF, UL 94        |
| Coupling screw:  | GD-Zn, nickel plated |
| Moulding body:   | TPU, UL 94, grey     |

**Installation specification:**

|                             |  |
|-----------------------------|--|
| Recommended torque:         | 0,4 Nm   |
| Conec installation tooling: | Torque wrench:<br>36-000200<br>Insert across flats 9:<br>36-000210 |

**Contact assignment:**

|            |          |
|------------|----------|
| 1 - white  | 5 - grey |
| 2 - brown  | 6 - pink |
| 3 - green  | 7 - blue |
| 4 - yellow | 8 - red  |

| Part no: | Description:             | Length L: | Cable:  |
|----------|--------------------------|-----------|---|
| 42-11179 | SAL - 8 - RS8 - 2 / K1   | 2m        | TPU, UL 20549,<br>black, 8x0,14mm <sup>2</sup><br>Cable: 781-K11800 |
| 42-11180 | SAL - 8 - RS8 - 3 / K1   | 3m        |   |
| 42-11181 | SAL - 8 - RS8 - 5 / K1   | 5m        |   |
| 42-11182 | SAL - 8 - RS8 - 10 / K1  | 10m       |   |
| 42-xxxxx | SAL - 8 - RS8 - ... / K1 | x         |   |

|   |  |                            |  |  |  |      |      |          |
|---|--|----------------------------|--|--|--|------|------|----------|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant   | Index: a 23.08.11 BCB Ä3941<br>data modified | dim. in mm                 | title:<br><b>Male connector M8x1 axial</b> |  |  |      |      |          |
|   |  |                            |  |  | <table border="1"> <tr> <td>date</td> <td>name</td> </tr> <tr> <td>21.09.10</td> <td>Mankopf</td> </tr> <tr> <td>21.09.10</td> <td>Franz</td> </tr> </table> | date | name | 21.09.10 |
|   | date   | name                       |  |  |  |      |      |          |
|   | 21.09.10                                     | Mankopf                    |  |  |  |      |      |          |
|   | 21.09.10                                     | Franz                      |  |  |  |      |      |          |
| tolerance of cable: L < 4m: L + 40mm<br>L > 4m: L + 1%  |  | dwg no:<br><b>42K1A258</b> |  |  |  |      |      |          |
| general tolerance: 0 ± 0,50mm<br>0,0 ± 0,25mm<br>0,00 ± 0,10mm  |  | part no:<br>see table      |  |  |  |      |      |          |
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