



**Technical specification :**

|                                     |                           |
|-------------------------------------|---------------------------|
| Rated voltage:<br>IEC 61076-2-104   | 30 V                      |
| Current rating:<br>IEC 61076-2-104  | 3 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 tool: | Torque wrench:<br>36-000200<br>Insert across flats 9:<br>36-000210 |

**Contact assignment:**

- 1 ■ brown
- 2 ■ white
- 3 ■ blue
- 4 ■ black

| Part no: | Description:             | Length L: | Cable:  |
|----------|--------------------------|-----------|---|
| 42-10044 | SAL - 8 - RS4 - 2 / K1   | 2m        | TPU, UL 20549,<br>black, 4x0,25mm <sup>2</sup><br>Cable: 781-K12400 |
| 42-10045 | SAL - 8 - RS4 - 3 / K1   | 3m        |   |
| 42-10046 | SAL - 8 - RS4 - 5 / K1   | 5m        |   |
| 42-10047 | SAL - 8 - RS4 - 10 / K1  | 10m       |   |
| 42-xxxxx | SAL - 8 - RS4 - ... / K1 | x         |   |

D see data sheet cable

|   |   |                      |                        |                    |                                  |
|---|---|----------------------|------------------------|--------------------|----------------------------------|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant | Index: b 16.03.2011 VF Ä3945<br>Coupling screw modified, spanner flats added, data sheet modified   | dim. in mm           | title:                 |                    |                                  |
|   |   |                      | date                   | name               | <b>Male connector M8x1 axial</b> |
|   | tolerance of cable: L ≤ 4m: L + 40mm<br>L > 4m: L + 1%  | drawn 04.10.07 Franz | appd. 04.10.07 Mankopf | dwg no:            |                                  |
|   | general tolerance: 0 ± 0,50mm<br>0,0 ± 0,25mm<br>0,00 ± 0,10mm  |                      |                        | <b>42K1A012</b>    |                                  |
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