

**Technical specification:**

|                                     |                           |
|-------------------------------------|---------------------------|
| Rated voltage:<br>IEC 61076-2-101   | 5pos<br>60 V              |
| Current rating:<br>IEC 61076-2-101  | 4 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 |
| Temperatur 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: | PBT, UL 94           |
| Coupling screw:  | GD-Zn, nickel plated |
| Moulding body:   | TPU, UL 94, grey     |

**Installation specification:**

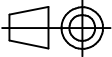

|                          |   |
|--------------------------|---|
| Recommended torque:      | 0,6 Nm  |
| Conec installation tool: | Torque wrench:<br>36-000200<br>Insert across flats 13:<br>36-000220 |

**Contact assignment:**

|                          |       |
|--------------------------|-------|
| 1                        | brown |
| 2                        | white |
| 3                        | blue  |
| 4                        | black |
| 5                        | grey  |
| Shielding coupling screw |       |

| Part no: | Description:                 | Length L: | Cable:   |
|----------|------------------------------|-----------|--|
| 43-10360 | SAL - 12S - RS5.1 - 2 / G3   | 2m        | PVC, UL 2464, grey, 5x0,25mm <sup>2</sup><br>Cable: 781-G32500 |
| 43-10361 | SAL - 12S - RS5.1 - 3 / G3   | 3m        |  |
| 43-10362 | SAL - 12S - RS5.1 - 5 / G3   | 5m        |  |
| 43-10363 | SAL - 12S - RS5.1 - 10 / G3  | 10m       |  |
| 43-xxxxx | SAL - 12S - RS5.1 - ... / G3 | x         |  |

D see data sheet cable

|   |   |  |         |      |      |       |          |         |       |          |       |   |
|---|---|--|---------|------|------|-------|----------|---------|-------|----------|-------|---|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant   | Index: b 08.12.10 VF Ä3767<br>Coupling screw modified, spanner flats added, data sheet modified |  dim. in mm<br><table border="1"> <tr> <td></td> <td>date</td> <td>name</td> </tr> <tr> <td>drawn</td> <td>14.03.07</td> <td>Mankopf</td> </tr> <tr> <td>appd.</td> <td>14.03.07</td> <td>Fromm</td> </tr> </table> |         | date | name | drawn | 14.03.07 | Mankopf | appd. | 14.03.07 | Fromm | title:<br><b>Male connector M12x1 axial, 360°-shielding</b> |
|   |   |  | date    | name |      |       |          |         |       |          |       |   |
|   | drawn   | 14.03.07   | Mankopf |      |      |       |          |         |       |          |       |   |
|   | appd.   | 14.03.07   | Fromm   |      |      |       |          |         |       |          |       |   |
| tolerance of cable: L ≤ 4m: L + 40mm<br>L > 4m: L + 1%  |   | dwg no:<br><b>43K1A427</b>   |         |      |      |       |          |         |       |          |       |   |
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|   |   |  |         |      |      |       |          |         |       |          |       |   |