



**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 |
| Temperature range:<br>IEC 60664-1   | -20°C ... +80°C           |
| Mating cycles:<br>IEC 60512-9a      | >=100                     |

**Materials:**

|                  |                      |
|------------------|----------------------|
| Contact:         | CuZn                 |
| Contact plating: | Nickel, gold plated  |
| Contact carrier: | TPU GF, UL 94        |
| Sealing:         | FPM                  |
| Coupling nut:    | 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) | shielding     |
| 2) | red (+)       |
| 3) | black (-)     |
| 4) | white (CAN H) |
| 5) | blue (CAN L)  |

| Part no: | Description:                     | Length L: | Cable:                                                |
|----------|----------------------------------|-----------|-------------------------------------------------------|
| 43-12508 | SAL - DN - 12 - RK5.3 - 2 / GC   | 2m        | PVC, UL, grey, 2xAWG22 + 2xAWG24<br>Cable: 781-GC001H |
| 43-12509 | SAL - DN - 12 - RK5.3 - 3 / GC   | 3m        |                                                       |
| 43-12510 | SAL - DN - 12 - RK5.3 - 5 / GC   | 5m        |                                                       |
| 43-12511 | SAL - DN - 12 - RK5.3 - 10 / GC  | 10m       |                                                       |
| 43-xxxxx | SAL - DN - 12 - RK5.3 - ... / GC | x         |                                                       |

D see data sheet cable

|                                                                                                                                                                         |                                                                                                    |                            |                                                        |                                                                                                                                                                          |      |      |                |         |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|----------------|---------|----------------|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant                                                                                                 | Index: a 14.03.2011 VF Ä3767<br>Coupling nut modified, spanner flats added,<br>data sheet modified | dim. in mm                 | title:<br><b>Female connector M12x1,<br/>DeviceNet</b> |                                                                                                                                                                          |      |      |                |         |                |
|                                                                                                                                                                         | tolerance of cable: L ≤ 4m: L + 40mm<br>L > 4m: L + 1%                                             |                            |                                                        | <table border="1"> <tr> <td>date</td> <td>name</td> </tr> <tr> <td>drawn 30.10.08</td> <td>Mankopf</td> </tr> <tr> <td>appd. 30.10.08</td> <td>Fromm</td> </tr> </table> | date | name | drawn 30.10.08 | Mankopf | appd. 30.10.08 |
|                                                                                                                                                                         | date                                                                                               | name                       |                                                        |                                                                                                                                                                          |      |      |                |         |                |
|                                                                                                                                                                         | drawn 30.10.08                                                                                     | Mankopf                    |                                                        |                                                                                                                                                                          |      |      |                |         |                |
| appd. 30.10.08                                                                                                                                                          | Fromm                                                                                              |                            |                                                        |                                                                                                                                                                          |      |      |                |         |                |
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|                                                                                                                                                                         |                                                                                                    | part no:<br>see table      |                                                        |                                                                                                                                                                          |      |      |                |         |                |