



**Technical specification:**

|                                     |                           |
|-------------------------------------|---------------------------|
| Rated voltage:<br>IEC 61076-2-101   | 4pos<br>160 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 GF, 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                        | n.c.             |
| 2                        | Profibus-A green |
| 3                        | n.c.             |
| 4                        | Profibus-B red   |
| Shielding coupling screw |                  |

| Part no: | Description:                          | Length L: | Cable:  |
|----------|---------------------------------------|-----------|---|
| 43-14930 | SAL - 12B - RSW4.1 - 2 / G5 / A1090   | 2m        | PVC, UL, violet, 2xAWG22<br>Cable: 781-G53200 |
| 43-14931 | SAL - 12B - RSW4.1 - 3 / G5 / A1090   | 3m        |   |
| 43-14932 | SAL - 12B - RSW4.1 - 5 / G5 / A1090   | 5m        |   |
| 43-14933 | SAL - 12B - RSW4.1 - 10 / G5 / A1090  | 10m       |   |
| 43-xxxxx | SAL - 12B - RSW4.1 - ... / G5 / A1090 | x         |   |

D see data sheet cable

|   |   |                              |   |          |         |
|---|---|------------------------------|---|----------|---------|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant | dim. in mm  |                              | title:<br><b>Male connector M12x1 angled,<br/>Profibus DP</b> |          |         |
|   |   | date                         |   |          | name    |
|   | tolerance of cable: L ≤ 4m: L + 40mm<br>L > 4m: L + 1%  |                              | drawn   | 06.04.11 | Franz   |
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|   |   | dwg no:<br><b>43K1A1359</b>  |   |          |         |
|   |   | part no:<br><b>see table</b> |   |          |         |