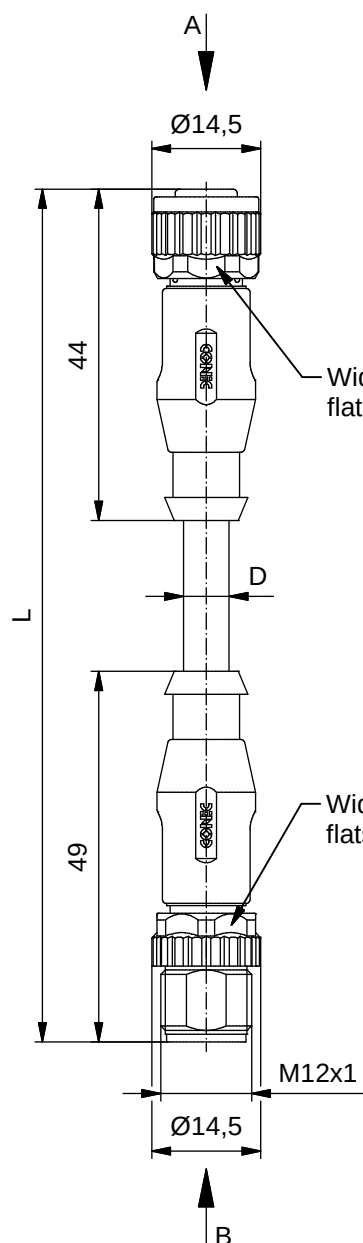


#### Technical specification:

|                                     |                           |
|-------------------------------------|---------------------------|
| Rated voltage:<br>IEC 61076-2-101   | 6pos<br>30 V              |
| Current rating:<br>IEC 61076-2-101  | 2 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        |
| Sealing:                | FPM                  |
| Coupling nut/<br>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 | 4) black |
| 2) white | 6) grey  |
| 3) blue  | 7) pink  |

| Part no: | Description:                    | Length L: | Cable:                                                           |
|----------|---------------------------------|-----------|------------------------------------------------------------------|
| 43-11078 | SAL - 12 - RK6 - RS6 - 0,3 / K1 | 0,3m      | TPU, UL 20549, black, 6x0,25mm <sup>2</sup><br>Cable: 781-K12600 |
| 43-11079 | SAL - 12 - RK6 - RS6 - 0,6 / K1 | 0,6m      |                                                                  |
| 43-11080 | SAL - 12 - RK6 - RS6 - 1,5 / K1 | 1,5m      |                                                                  |
| 43-11081 | SAL - 12 - RK6 - RS6 - 3,0 / K1 | 3m        |                                                                  |
| 43-xxxxx | SAL - 12 - RK6 - RS6 - ... / K1 | x         |                                                                  |

D see data sheet cable

|                                                                         |                                                                                                                                                                         |            |                                                                                 |  |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------|--|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant | Index: a 26.01.2011 VF Ä3767<br>Coupling nut/screw modified, spanner flats added, data sheet modified                                                                   | dim. in mm | title:<br>Connecting cable M12x1, female connector axial - male connector axial |  |
|                                                                         | tolerance of cable: L ≤ 4m: L + 40mm<br>L > 4m: L + 1%                                                                                                                  |            |                                                                                 |  |
|                                                                         | THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION.<br>OWNERSHIP AND COPYRIGHT OF CONEC GmbH |            | dwg no:<br>43K1A455                                                             |  |
|                                                                         |                                                                                                                                                                         |            | part no:<br>see table                                                           |  |

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