

# MOTION CONNECT 300

## MLFB-Ordering data :

**6FX3002-5CL01-1AF0**



Client Order no.:

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Electrical data

|  |              |
|--|--------------|
| No. of cores x cross-section mm <sup>2</sup>                       | 4 x 1.5      |
| Test voltage, rms Power conductors                                 | 4000 V       |
| Rated voltage U0/U in accordance with EN 50395<br>Power conductors | 600 V/1000 V |

### Mechanical data

|   |  |
|---|--|
| Smallest bending radius (fixed installation)    | 6 x diameter   |
| Smallest bending radius (flexible installation) | 155mm  |
| Number of bends, max.                           | 1,000,000  |
| Tensile stress, max. Fixed installation         | 50 N/mm <sup>2</sup>   |
| Tensile stress, max. Flexible installation      | 20 N/mm <sup>2</sup>   |
| Torsional stress                                | Absolute 30°/m   |
| Connection type                                 | Angular connector (cable outlet direction rotatable in fixed increments, connector disassembly required) |
| Length  | 5.0 m  |

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## Technical data

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### Ambient temperature

Operation with permanently installed cable -25 to +80°C

Kind of connection cable Power Cable

Material of the cable sheath PVC

Type of insulation PVC

Degree of protection IP65

Standard for behavior in fire: flame resistance EN 60332-1-1 to 1-3

Oil resistance EN 60811-2-1 (mineral oil only)

Verification of suitability, CE marking Yes

Verification of suitability, UL approval Yes

Verification of suitability, RoHS conformity Yes