

# MOTION CONNECT 300

**MLFB-Ordering data :**

## 6FX3002-5CL01-1CA0



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 U <sub>0</sub> /U in accordance with EN 50395 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	20.0 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