

## MOTION CONNECT 300

### MLFB-Ordering data

6FX3002-5CK01-1CA0



Figure similar

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

### Electrical data

No. of cores x cross-section mm <sup>2</sup>	4 x 0.75
Test voltage, rms Power conductors	4000 V
Rated voltage U0/U in accordance with EN 50395 Power conductors	300 V/500 V

### Mechanical data

Smallest bending radius (fixed installation)	6 x diameter
Smallest bending radius (flexible installation)	155mm
Number of bends, max.	100,000
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	Straight connector (fixed cable outlet direction)
Length	20.0 m



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## Technical data

### Ambient temperature

Operation with permanently installed cable -25 ... 80 °C

Kind of connection cable Power cable

Material of the cable sheath PVC

Type of insulation PVC

Degree of protection IP20

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