

# MOTION CONNECT 300

## MLFB-Ordering data :

# 6FX3002-2CT12-1AF0

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>	3 x 2 x 0.20 + 2 x 2 x 0.25
Test voltage, rms Power conductors	500 V
Rated voltage U0/U in accordance with EN 50395 Power conductors	30 V/30 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	Straight connector (fixed cable outlet direction)
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 Encoder cable (incremental encoder)

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 No

Verification of suitability, UL approval No

Verification of suitability, RoHS conformity Yes