

MOTION CONNECT 300

MLFB-Ordering data

6FX3002-2DB10-1AH0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Electrical data

No. of cores x cross-section mm ²	3 x 2 x 0.22 + 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 ²
Tensile stress, max. Flexible installation	20 N/mm ²
Torsional stress	Absolute 30°/m
Connection type	Angular connector (cable outlet direction rotatable in fixed increments, connector disassembly required)
Length	7.0 m

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Technical data

Ambient temperature

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

Kind of connection cable Encoder cable (absolute 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