SIEMENS

MOTION CONNECT 300



Figure similar

MLFB-Ordering data **6FX3002-2DB10-1BA0**

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

Item no. :
Consignment no. :
Project :

Electrical data	
No. of cores x cross-section mm²	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/mm²
Tensile stress, max. Flexible installation	20 N/mm²
Torsional stress	Absolute 30°/m
Connection type	Angular connector (cable outlet direction rotatable in fixed increments, connector disassembly required)
Length	10.0 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