

MOTION CONNECT 500

MLFB-Ordering data

6FX5002-2DC42-1AC0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Electrical data

Design of the sensor Motor encoder DRIVE-CLiQ

Test voltage, rms Signal conductors 500 V

Rated voltage U0/U in accordance with EN 50395 Power conductors 30 V

Mechanical data

Type of connection cable engine side RJ45 DRIVE-CLiQ

Type of connection cable converter side M17

Maximum cable outer diameter 7.1 mm

Smallest bending radius (fixed installation) 35 mm

Smallest bending radius (flexible installation) 125 mm

Number of bends, max. 100,000

Maximum traversing velocity 30 m/min

Acceleration horizontal, max 2 m/s²

Tensile stress, max. Fixed installation 80 N/mm²

Tensile stress, max. Flexible installation 30 N/mm²

Torsional stress Absolute 30°/m

Length 2.0 m



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Technical data

Ambient temperature

Operation with permanently installed cable	-20 ... 80 °C
Operation with moving cable	0 ... 60 °C
Storage	-20 ... 80 °C
Kind of connection cable	Basis cable
Material of the cable sheath	PVC DESINA-Color green RAL 6018
Type of insulation	Without CFC and silicone
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 as authorisation for USA	UL STYLE 2502
Verification of suitability as authorisation for Canada	CSA-N.210.2-M90