

MOTION CONNECT 500

MLFB-Ordering data

6FX5002-2CA12-1AB0



Figure similar

Client order no. : Order no. : Offer no. : Remarks : Item no. : Consignment no. : Project :

Electrical data	
Design of the sensor	Incremental encoder HTL DC 24V
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	not relevant	
Type of connection cable converter side	Open end of lead	
Maximum cable outer diameter	9.3 mm	
Smallest bending radius (fixed installation)	60 mm	
Smallest bending radius (flexible installation)	100 mm	
Number of bends, max.	2,000,000	
Maximum traversing velocity	180 m/min	
Acceleration horizontal, max	5 m/s²	
Tensile stress, max. Fixed installation	50 N/mm²	
Tensile stress, max. Flexible installation	20 N/mm²	
Torsional stress	Absolute 30°/m	
Length	1.0 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	UL758, cURus with AWM-Style	
Verification of suitability as authorisation for Canada	CSA-C22.2-N.210.2-M90	