

## **MOTION CONNECT 500**

## **MLFB-Ordering data**

6FX5002-2DC40-1AF0



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	M17 SPEED-CONNECT				
Type of connection cable converter side	DRIVE-CLIQ RJ45				
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	5.0 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					