

MOTION CONNECT 800PLUS

MLFB-Ordering data

6FX8002-2DC10-1BA0



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

Length

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	DRIVE-CLiQ RJ45	
Maximum cable outer diameter	7.1 mm	
Smallest bending radius (fixed installation)	35 mm	
Smallest bending radius (flexible installation)	75 mm	
Number of bends, max.	10,000,000	
Maximum traversing velocity	300 m/min	
Acceleration horizontal, max	50 m/s²	
Tensile stress, max. Fixed installation	50 N/mm²	
Tensile stress, max. Flexible installation	20 N/mm²	
Torsional stress	Absolute 30°/m	

10.0 m





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Technical data		
Ambient temperature		
Operation with permanently installed cable	-50 80 °C	
	Module- and motor-side RJ45 plug -20°C 80°C, M17 plug -20 80°C	
Operation with moving cable	-20 60 °C	
Storage	-20 80 °C	
	Module- and motor-side RJ45 plug -20°C 80°C, M17 plug -20 80°C	
Kind of connection cable	Basis cable	
Material of the cable sheath	PUR, HD22.10 S2 (VDE 0282, part 10) DESINA-color green RAL 6018	
Type of insulation	Without CFC and silicone IEC 60754-1/DIN VDE 0472-815	
Standard for behavior in fire: flame resistance	EN 60332-1-1 to 1-3	
Oil resistance	EN 60811-2-1	
Verification of suitability as authorisation for USA	UL STYLE 2502	
Verification of suitability as authorisation for Canada	CSA-N.210.2-M90	