

MOTION CONNECT 800PLUS

MLFB-Ordering data

6FX8002-2EQ10-1BA0



Figure similar

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

Electrical data	
Design of the sensor	Absolute encoder with EnDat
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	M23 full thread	
Type of connection cable converter side	SUB-D	
Maximum cable outer diameter	9.8 mm	
Smallest bending radius (fixed installation)	4 x Dmax	
Smallest bending radius (flexible installation)	70 mm	
Number of bends, max.	10,000,000	
Maximum traversing velocity	300 m/min	
Acceleration horizontal, max	50 m/s ²	
Tensile stress, max. Fixed installation	50 N/mm²	
Tensile stress, max. Flexible installation	20 N/mm²	
Torsional stress	Absolute 30°/m	
Length	10.0 m	





MLFB-Ordering data

6FX8002-2EQ10-1BA0

Figure similar

Technical data		
Ambient temperature		

Ambient temperature	
Operation with permanently installed cable	-50 80 °C
	Module-end power connector -40°C 80°C, Motor-end power connector -20 80°C
Operation with moving cable	-20 60 °C
Storage	-20 80 °C
	Module-end power connector -40°C 80°C, Motor-end power connector -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	UL758, cURus with AWM-Style
Verification of suitability as authorisation for Canada	CSA-C22.2-N.210.2-M90