SIEMENS

MOTION CONNECT 800PLUS

Article No. : **6FX8002-2AH00-2AA0**



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data	
Design of the sensor	Incremental encoder HTL
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	Open end of lead
Maximum cable outer diameter	9.3 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/s²
Tensile stress, max. Fixed installation	50 N/mm²
Tensile stress, max. Flexible installation	20 N/mm²
Torsional stress	Absolute 30°/m
Length	100.0 m

Technical data	
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

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens