SIEMENS

MOTION CONNECT 500

Article No. : **6FX5002-2DC46-1EA0**



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	M12 full thread
Type of connection cable converter side	M17
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	40.0 m

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