

Siemens 6FX8002-2CF02-1DA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	of connection cable engine side M23 full thread

Description

MOTION CONNECT 800PLUS

Article No. : 6FX8002-2CF02-1DA0

Electrical data

Design of the sensor Resolver 2-pole

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 9.2 mm

Smallest bending radius (fixed installation) 4 x Dmax

Smallest bending radius (flexible installation) 20 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 30.0 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_x0002_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

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