



MOTION CONNECT 500

Ordering data

6FX5002-2AD04-1AC0

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

Item no. :
Consignment no. :
Project :

Electrical data

Design of the sensor

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 not relevant

Type of connection cable converter side M23

Maximum cable outer diameter 9.2 mm

Smallest bending radius (fixed installation) 60 mm

Smallest bending radius (flexible installation) 100 mm

Maximum number of bending cycles 2,000,000

Maximum traversing velocity 180 m/min

Acceleration horizontal, max 5 m/s²

Tensile stress, max. Fixed installation 50 N/mm²

Tensile stress, max. Flexible installation 20 N/mm²

Torsional stress Absolute 30°/m

Length 2.0 m

Technical data

Kind of connection cable

Material of the cable sheath PVC DESINA-Color green RAL 6018

Operating temperature on the surface Fixed installation -20°C ... 80°C

Operating temperature on the surface Flexible installation 0°C ... 60°C

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 UL758, cURus with AWM-Style

Verification of suitability as authorisation for Canada CSA-C22.2-N.210.2-M90