

100mA 3V INX360D-F99-I2E2-7M Pepperl Fuchs Inclination Sensor

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: INX360D-F99-I2E2-7M
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Manufacturer: PEPPERL FUCHS
- Product No: INX360D-F99-I2E2-7M
- Voltage Drop: $\leq 3\text{ V}$
- Operating Current: $\leq 100\text{ mA}$
- Time Delay Before Availability: $\leq 200\text{ Ms}$
- No-load Supply Current: Max. 50 MA
- Output Type: 1 Current Output 4 ... 20 MA
- E1 Type Approval: 10R-04
- Highlight: 100mA pepperl fuchs inclination sensor, 3V pepperl fuchs inclination sensor, INX360D-F99-I2E2-7M



More Images



Product Description

Pepperl Fuchs INX360D-F99-I2E2-7M Inclination sensor

General specifications

Type Inclination sensor, 1-axis
Measuring range 0 ... 360 °
Absolute accuracy $\leq \pm 0.5^\circ$
Response delay ≤ 20 ms
Resolution $\leq 0.1^\circ$
Repeat accuracy $\leq \pm 0.1^\circ$
Temperature influence $\leq 0.027^\circ/\text{K}$

Functional safety related parameters

MTTFd 300 a
Mission Time (TM) 20 a
Diagnostic Coverage (DC) 0 %

Indicators/operating means

Operation indicator LED, green
Teach-in indicator 2 LEDs yellow (switching status), flashing
Button 2 push-buttons (Switch points programming , Evaluation range programming)
Switching state 2 yellow LEDs: Switching status (each output)

Electrical specifications

Operating voltage 10 ... 30 V DC
No-load supply current ≤ 25 mA
Time delay before availability ≤ 200 ms

Switching output

Output type 2 switch outputs PNP, NO , reverse polarity protected , short-circuit protected
Operating current ≤ 100 mA
Voltage drop ≤ 3 V

Analog output

Output type 1 current output 4 ... 20 mA
Load resistor 0 ... 200 Ω at UB = 10 ... 18 V
0 ... 500 Ω at UB = 18 ... 30 V
Compliance with standards and directives

Standard conformity

Shock and impact resistance 100 g according to DIN EN 60068-2-27
Standards EN 60947-5-2:2007
IEC 60947-5-2:2007

Approvals and certificates

UL approval cULus Listed, Class 2 Power Source
CCC approval CCC approval / marking not required for products rated ≤ 36 V
E1 Type approval 10R-04

Ambient conditions

Ambient temperature -40 ... 85 °C (-40 ... 185 °F)
Storage temperature -40 ... 85 °C (-40 ... 185 °F)



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RM 509, 5/F, THE CLOUD, 111, TUNG CHAU STREET, TAI KOKTSUI, KOWLOON, HONG KONG