

Pepperl Fuchs Inductive sensor NCN25-F35-A2-250-V 1Minimum bending radius of 30 cm for movable installation

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: NCN25-F35-A2-250-V
- 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: NCN25-F35-A2-250-V
- Output Type: 4-wire
- Installation: Flush Mountable
- Output Polarity: DC
- Mounting Angle: AI
- Operating Voltage: 10 ... 30 V
- Core Cross Section: 3 X 0.34 , Screened
- Highlight: **Pepperl Fuchs inductive sensor NCN25-F35-A2-250-V**
, inductive sensor with 30 cm bending radius,
Pepperl Fuchs safety barrier sensor



More Images



Product Description

Pepperl Fuchs Inductive sensor NCN25-F35-A2-250-V 1Minimum bending radius of 30 cm for movable installation

Comfort series

Extended temperature range of sensor component

0 ... 250 °C (0 ... 482 °F)

10 m cable between sensor and amplifier with metal case

Suitable for drag chains and abrasion resistant

Minimum bending radius of 30 cm for movable installation



General specifications

Switching function complementary

Output type PNP

Rated operating distance 25 mm

Installation flush mountable

Output polarity DC

Assured operating distance 0 ... 20 mm

Reduction factor rAl 0.5

Reduction factor rCu 0.5

Reduction factor r304 0.6 ... 1

Output type 4-wire

Mounting angle Al

Amplifier housing Stainless steel

Nominal ratings

Operating voltage 10 ... 30 V

Switching frequency 0 ... 20 Hz

Hysteresis 0.3 ... 5 typ. 2 %

Reverse polarity protection reverse polarity protected

Short-circuit protection pulsing

Voltage drop ≤ 3 V

Operating current 0 ... 200 mA

No-load supply current ≤ 25 mA

Time delay before availability ≤ 20 ms

Switching state indicator Multihole-LED, yellow

Functional safety related parameters

MTTFd 7515 a

Mission Time (TM) 20 a

Diagnostic Coverage (DC) 0 %

Compliance with standards and directives

Standard conformity

Standards EN IEC 60947-5-2

Approvals and certificates

UL approval cULus Listed, General Purpose, Class 2 Power Source

CCC approval CCC approval / marking not required for products rated ≤36 V

Ambient conditions

Ambient temperature 0 ... 250 °C (32 ... 482 °F)

Mechanical specifications

Connection type Connector plug M12 x 1 , 4-pin

Cable version PFA cable, with armour of stainless steel

Core cross section 3 x 0.34 , screened

Housing material PTFE / Al / 1.4305 / AISI 303

Sensing face PTFE

Degree of protection amplifier IP67

sensor IP40

Dimensions

Height 40 mm

Width 44 mm

Length 56 mm

Cable length L = 10 m

Note - amplifier 0 °C ... 70 °C

- r1.4305 dep. on thickness of measurement plate d:

r1.4305 = 1 for d < 1mm

Additional accessory: Protective cover SH-F35 is available for use in areas where there is moisture and as a means of mechanical protection.



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