

Precise P F Inductive Sensor NBN40-U1-UU with 5 ... 500 mA Operating Current

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: EATON
- Certification: ATEX
- Model Number: P+F-NBN40-U1-UU
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T,XT,ALIPAY
- Supply Ability: 100pcs per month



Product Specification

- Short-circuit Protection: Pulsing
- Voltage Drop: $\leq 5\text{ V}$ (typ. 2V) DC Operation $\leq 8\text{ V}$ (typ. 3 V) AC Operation
- Momentary Current (20 Ms, 0 ... 3000 MA 0.1 Hz):
- Operating Current: 5 ... 500 MA
- Rated Operating Current: 500 MA 50/60 Hz
- Lowest Operating Current: 5 MA
- Highlight: **NBN40-U1-UU Inductive Sensor, NBN40-U1-UU, Precise P F Inductive Sensor**



More Images



Product Description

Inductive sensor NBN40-U1-UU



"Your automation, our passion"—Pepperl+Fuchs' company claim is also our promise to our customers: that we are committed and passionate about developing solutions and products that optimally support their automation challenges. A spirit of research, entrepreneurial vision, and a belief in their own abilities—in 1945, founding fathers Walter Pepperl and Ludwig Fuchs laid the foundations for a success story in a small radio workshop in Mannheim that continues to this day. A look at 80-year history of Pepperl+Fuchs reveals many milestones, including the invention of the inductive proximity sensor in 1958, which not only demonstrates the company's consistently high level of innovation. It also reflects a fundamental attitude that has been the most important pillar of this success story from the very beginning: working in partnership with our customers, working together as equals.

The NBN40-U1-UU is an inductive proximity sensor designed for non-contact detection of metal objects. It features a flush-mountable cylindrical housing (typically M12 or M18 size) with a short detection range (e.g., 4 mm for ferrous metals). Operating on DC 10-30V, it provides a digital switching output (likely PNP or NPN, depending on model). The "UU" suffix may indicate a universal voltage or output configuration. With IP67/IP68 protection, it is suitable for industrial automation, machine tools, and harsh environments. For exact specifications, check the manufacturer's datasheet (e.g., Pepperl+Fuchs, if applicable).

Switching function	Normally open/closed (NO/NC)
Output type	Two-wire
Installation	non-flush
Output polarity	AC/DC
Rated operating distance	40 mm

Assured operating distance	0 ... 32.4 mm
Actual operating distance	36 ... 44 mm typ. 40 mm
Switching frequency	AC, 0 ... 30 Hz DC, 0 ... 100 Hz
Hysteresis	1 ... 10 typ. 5 %
Reverse polarity protection	reverse polarity tolerant



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and Emerson Hand Communicator TREXCHPNAWS1S, rosemount 0068

Achievers

Since Year 2012

Achievers Automation Limited is a well-established player in the field of industrial automation, boasting a rich and extensive experience of more than **12 years**.

Over these years, the company has dedicated itself to dealing with a comprehensive and complete range of industrial automation components and instruments. With an unwavering commitment to excellence, the team at Achievers always goes the extra mile, striving their absolute best to provide top-notch quality goods and highly efficient, timely services to our esteemed and valued customers.

These customers hail from over 45 countries across the globe, spanning different continents and diverse industrial landscapes.



FAQ of Achievers

Q:Are preferential prices available?

A: We provide customers with competitive product prices and the biggest discounts through a long-term cooperative supply chain system.

Q:Are the Products Genuine OEM Units?

A: These items have been certified by Achievers Automation Limited to be genuine OEM Units obtained through OEM or independent third-party channels.

Q:How will you arrange shipment?

A: We can arrange shipment based on your request. We have cooperated forwarder who can arrange shipment via FedEx, DHL, TNT, UPS with good price.

Q:What is the warranty of goods?

A: One-year Warranty.

Q:Which are the best-selling products?

A: Many brands of products have been supplied to customers from all over the world for a long time. For example, MTL safety barrier MTL5541, Endress Hauser RS33 , P+F safety barrier KFD2-SR2-Ex2.W, Emerson Hand Communicator TREXCHPNAWS1S, xnx transmitter honeywell



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