

EC - SNR - 0102 - H

Proximity sensor

Description

Heavy duty, high protection proximity sensor based on Hall effect.

Operation

The sensor can be used to detect the presence of gear teeth and can be used to measure the speed of a rotating shaft.

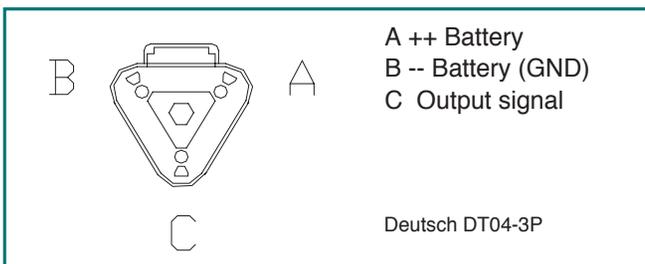
Features

- Supply line is protected against reversed polarity.

Specifications

- Operating voltage: 4 - 26 Vdc
- Max current consumption: 11 mA
- Max current output: 20 mA
- Operating temperature: -40 / +150 °C
- Degree of protection: IP68
- Mechanical connection: M18x1,5
- Detecting distance: 0,1 - 2 mm
- Max frequency for tooth detection: 8 kHz
- Output signal: 0 Vdc - max Vsupply
- Output type: NPN
- 3 wires cable, 1mm² section, 200mm length

Connections

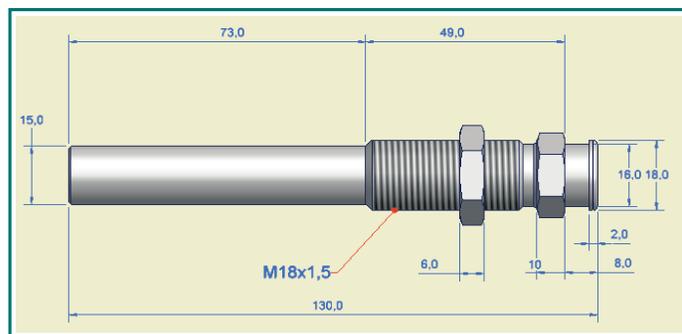


Applications

- 12 Vdc and 24 Vdc systems
- Transmission speed measurement
- Stop motion detector and tachometer



Dimensions



Ordering code:

20.0401.006

total length 68 mm

20.0401.007

total length 130 mm

WARNING: The specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.