

EC-SNR-PRX-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°C / +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 V supply |
| Output type: | NPN or PNP |
| 3 wires cable, 0.75 mm ² section, 200 mm length | |

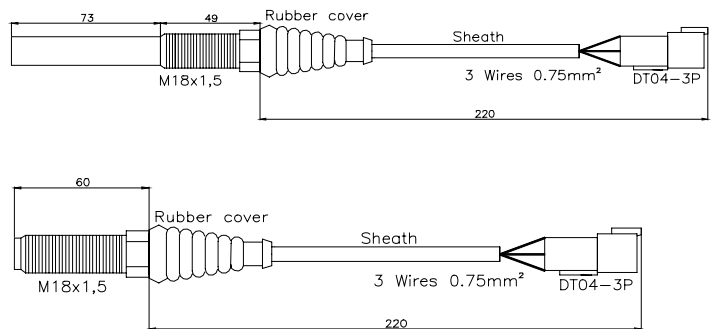
APPLICATIONS

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

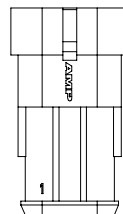
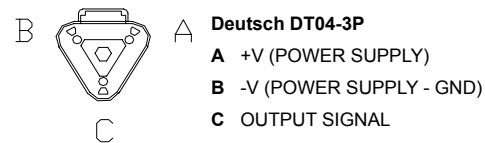
| Ordering Code |
|--|
| 20.0401.006 Type: 68 mm - NPN - Deutsch |
| 20.0401.007 Type: 130 mm - NPN - Deutsch |
| 20.0401.020/A Type: 68 mm - PNP - Amp |



DIMENSIONS



CONNECTIONS



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.



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