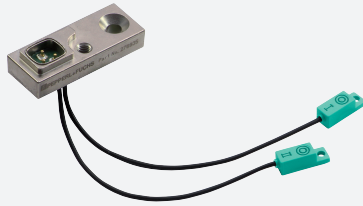


# Inductive power clamp sensor

## NBN2-F58xxA3-100S3

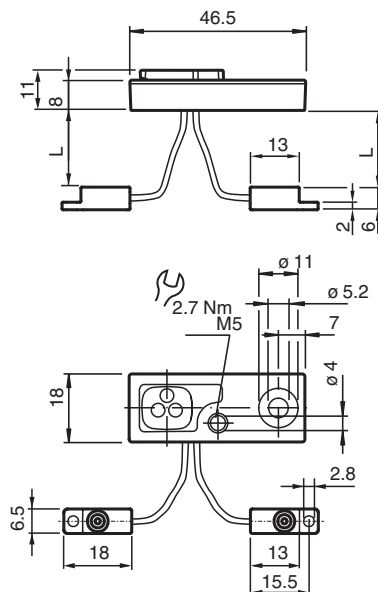


- Technical data are only valid if amplifier unit is connected
- 2 mm non-flush
- For use in direct- and alternating-field welding systems
- Completely halogen and silicon free

Satellite unit



### Dimensions



### Technical Data

#### General specifications

|                          |       |           |
|--------------------------|-------|-----------|
| Rated operating distance | $s_n$ | 2 mm      |
| Installation             |       | non-flush |

#### Compliance with standards and directives

|                     |  |                                                                                             |
|---------------------|--|---------------------------------------------------------------------------------------------|
| Standard conformity |  |                                                                                             |
| Standards           |  | EN 60947-5-2:2007<br>EN 60947-5-2/A1:2012<br>IEC 60947-5-2:2007<br>IEC 60947-5-2 AMD 1:2012 |

#### Approvals and certificates

Release date: 2020-03-24 Date of issue: 2020-03-30 Filename: 276935\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

**PEPPERL+FUCHS**

## Technical Data

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| UL approval                      | cULus Listed, General Purpose                                                     |
| <b>Ambient conditions</b>        |                                                                                   |
| Ambient temperature              | 0 ... 50 °C (32 ... 122 °F)                                                       |
| Storage temperature              | -25 ... 70 °C (-13 ... 158 °F)                                                    |
| <b>Mechanical specifications</b> |                                                                                   |
| Connection type                  | Spring contacts, 3 pins<br>flexible leads PUR (halogen-free)<br>L = 100 mm ± 5 mm |
| Housing material                 | PA 6 / Diecast zinc                                                               |
| Degree of protection             | IP65                                                                              |
| <b>Note</b>                      | only for use with amplifier unit of NBxx-F58A3x3 family                           |