



## Application

The sensor is used on CNC machines to determine the tool length in the Z direction.

## Connection

**As a normally closed contact (NC):**  
between the core colors brown (BN) and white (WH).

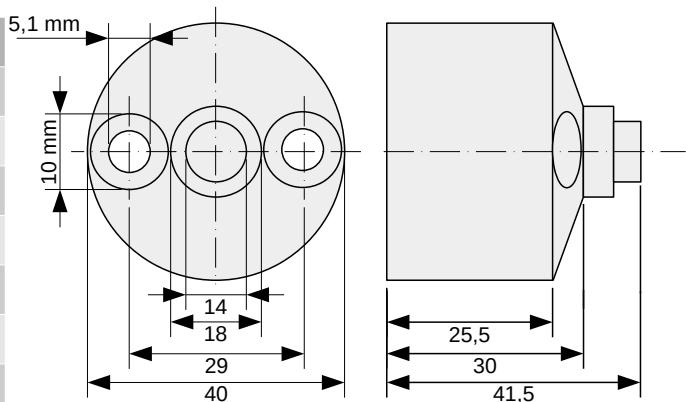
**As a normally open contact:**  
Between the core colors brown (BN )and gray (GY).



## Technical specifications

| Electric     |       |
|--------------|-------|
| Voltage max. | 250 V |
| Current max. | 5 A   |

| Dimensions          |                 |
|---------------------|-----------------|
| Diameter            | 40 mm           |
| Height              | approx. 41,5 mm |
| Probe head diameter | 14 mm           |
| Release path        | approx. 1 mm    |
| Total way           | approx. 8 mm    |
| Repeatability       | ±0,01 mm        |
| Cable length        | 3 m             |



| Materials  |                               |
|------------|-------------------------------|
| Body       | Aluminium 6061                |
| Probe head | 1.4305; X8CrNiS18-9           |
| Cable      | PVC, 3 x 0,14 mm <sup>2</sup> |