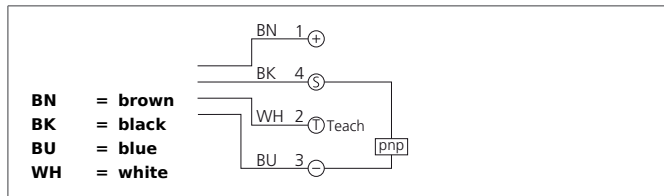


# USTI 12 M 200 PSOK-IBSL

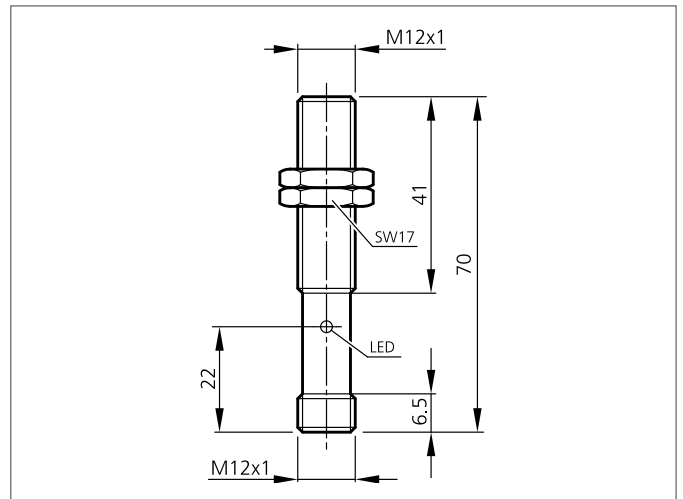
## Ultrasonic Sensor

- Narrow detection beam / small blind zone
- Switching functions: NO/NC, frame function teachable
- Small design
- Scanning does not depend on surface



### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.  
These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC           |
|------------------------------|-------------------------|
| Operating principle          | Ultrasonic sensor       |
| Evaluation                   | digital                 |
| Size                         | M12 x 1 (thread)        |
| Design                       | screw                   |
| Service voltage              | 10 ... 35 V DC          |
| Internal power consumption   | < 30 mA                 |
| Operating distance           | 20 ... 200 mm           |
| Sensitivity adjustment       | Teach key               |
| Switching output             | pnp, 100 mA, NO/NC      |
| Operating frequency          | 400.000 Hz              |
| Ripple                       | 10 %                    |
| Switching frequency          | 13 Hz                   |
| Reproducibility              | 0,5%                    |
| Ambient temperature          | -25 ... +70 °C          |
| Insulation voltage endurance | 500 V                   |
| Protection class             | IP 65                   |
| Casing material              | brass nickel plated     |
| Connection                   | Connector, M12, 4-poled |