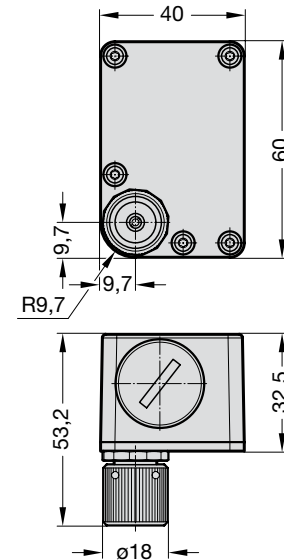


WIRELESS PRESSURE MONITORING 2.1 (WPM) SENSOR, BATTERY

2480.00.91.10.01

Order number for sensor



DESCRIPTION

The sensor is battery operated and thus wireless. In operating mode, the sensor cyclically transmits data via Bluetooth LE 4.0 to the WPM repeater or the mobile WPM app. The mechanical construction is designed according to the requirements of the press (shock- and vibration-resistant). The data transmission during the programming of the sensor is encrypted.

The following data are queried:

- Limit values for pressure and temperature
- Part number (tool number)
- Part ID
- Sensor ID
- Position in the tool
- Various cycle times
- Battery status
- Transmission power

TECHNICAL SPECIFICATIONS

- Housing: plastic
- Base plate: Aluminium
- Minimes connection: Steel galvanised M12.65 x 1.5 FEM
- Pressure measuring range: 0 – 500 bar relative
- Precision: ± 2 bar
- Temperature measuring range: 0 °C to 85 °C
- Battery: Lithium Li-SoC12 2 / 3 A 3.6 V
- Signal transmission: Bluetooth LE 4.0
- Protection type: IP65 sealed with adhesive and screwed
- Operating temperature range: 0 °C to 80 °C

2480.00.91.10.00.1

Order number for battery reorder

(Battery is included with the sensor.)

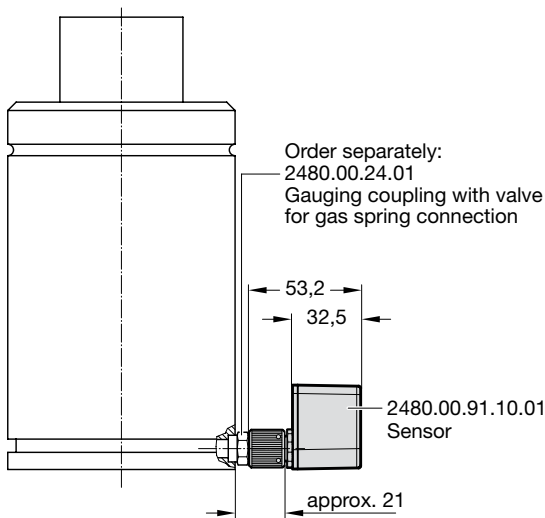
Battery capacity 3 – 4 years for “normal” tool use

-

WIRELESS PRESSURE MONITORING 2.1 (WPM) **SENSOR, GAUGING COUPLING, FILLING ADAPTER**

MOUNTING EXAMPLE

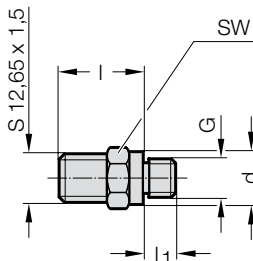
Sensor connection to gas spring



2480.00.24.01/02

- Measuring coupling 2480.00.24.01 with valve for connection to gas spring
- Measuring coupling 2480.00.24.02 with valve for connection to control fitting

2480.00.24.0x.

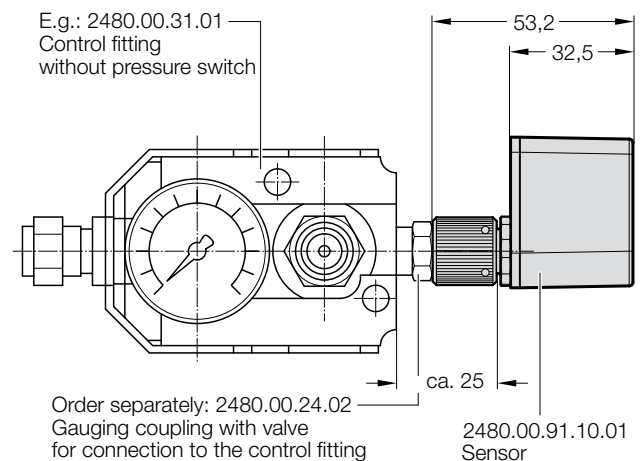


| Order No. | G | d | SW | l | l ₁ |
|---------------|-------|----|----|----|----------------|
| 2480.00.24.01 | G 1/8 | 14 | 14 | 22 | 8 |
| 2480.00.24.02 | G 1/4 | 19 | 19 | 21 | 10 |

SW = Width across flats

MOUNTING EXAMPLE

Sensor connection to control fitting



2480.00.90.00.10

Filling adapter for minimess connection

