More than sensors + automation

# JUMO TAROS S47 P

## Precision pressure transmitter

### The features at a glance

- More process reliability through high-precision measurement
- Long-term stability of measured values through simple and fast zero point correction using a magnet
- Maximum operational safety: protection types up to IP69 enable use in all areas regardless of environmental influences
- Easy integration into various processes

Type 402072

## Brief overview

The transmitter is designed for precision measurement and longevity. It provides excellent process reliability due to its high degree of accuracy over a wide temperature range. Relative and absolute pressures in liquid and gaseous media are measured reliably. Consequently, the precision transmitter can be used in a wide variety of applications, including those in plant construction and mechanical engineering.

## Other advantages

- High-precision version for reliable measurement results
- Compact dimensions
- Simple zero point adjustment using a magnet
- High protection type
- Large selection of electrical connections and process connections (including front-flush)

## Application areas

- Plant construction and mechanical engineering
- Pump construction
- Sterilizers
- Test equipment construction
- Calibration technology
- Laboratories

## Technical data

| Product name | JUMO TAROS S47 P |
|---|---|
| Type | 402072 |
| Parts in contact with media | 1.4404 and 1.4435 (316L) |
| Electrical connection | Attached cable, round plug M12 × 1, line socket, terminal head |
| Measuring range | From 0.1 to 100 bar relative; from 0.6 to 40 bar absolute |
| Medium temperature | -40 to +125 °C (maximum 140 °C for 1h/day) |
| Protection type | IP65 to IP69 (depending on the electrical connection) |
| Accuracy | Up to 0.25 % of the measuring span at 20 °C |
| Linearity | 0.1 % |
| Long-term stability | 0.1 % |
| Voltage supply | DC 24 V |
| Process connections | All common process connections |
| Special features | Simple zero point correction using a magnet |

PR 40046 EN/00749059/V1