

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



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