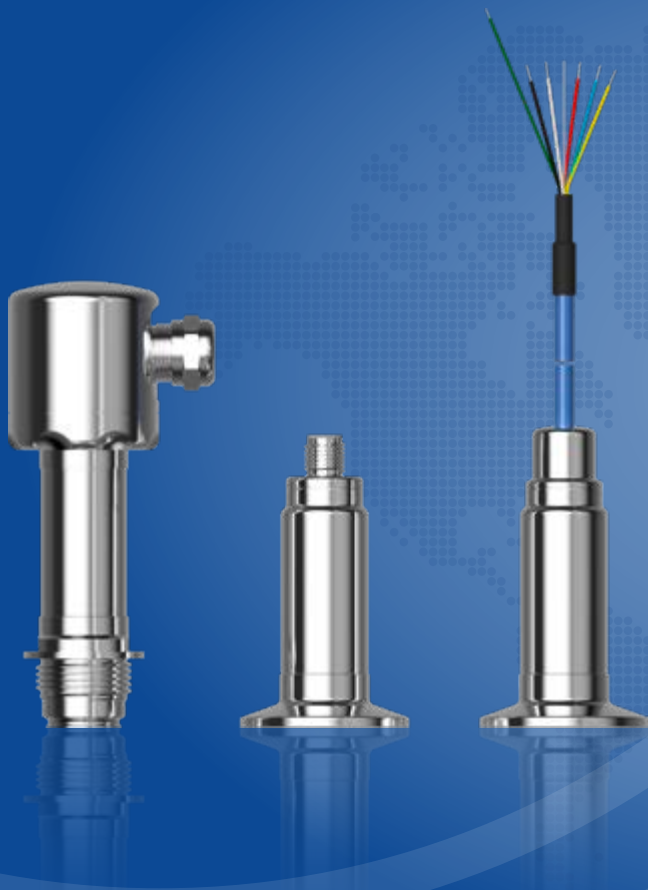


JUMO TAROS S46 H

Hygienic pressure transmitter



Overview of the new features

- More process reliability through high-precision measurement
- Extended application area for special uses due to autoclavability at up to 140 °C/3.6 bar absolute as well as operation in CIP and SIP processes at up to 140 °C
- Reliable measurement results over a long period due to simple zero point correction with a magnet
- Maximum operational safety – protection type IP69 enables operation in all areas, regardless of environmental influences
- Hygienic safety and good cleanability through use of FDA compliant materials and hygienic process connections with $R_a \leq 0.4 \mu\text{m}$ (electropolished)



Brief overview

The device is designed according to the hygienic requirements for precision measurement and a long-life cycle. It offers process reliability through a high degree of accuracy, even over a wide temperature range. The pressure measuring ranges are adjustable at the factory and lie between 0 and 100 bar relative as well as between 0 and 40 bar absolute. One of the areas in which the transmitter is used is in the food and pharmaceutical industry.

Other advantages

- ▶ High-precision version for reliable measurement results
- ▶ Autoclavable
- ▶ Simple zero point adjustment through a magnet
- ▶ High protection class
- ▶ Hygienic process connections
- ▶ Customer-specific measuring ranges

Application areas

- ▶ Food industry
- ▶ CIP and SIP applications
- ▶ Sterilizers and autoclaves
- ▶ Pharmaceuticals, medicine, and biotechnology
- ▶ Hygienic applications

Technical data

Designation	JUMO TAROS S46 H
Data sheet	402071
Parts in contact with the product	1.4404 and 1.4435 (316L)
Electrical connection	Attached cable, round plug M12 × 1, cable socket, terminal head
Measuring range	From 0 to 0.1 bar relative – from 0 to 100 bar relative; from 0 to 0.6 bar absolute – from 0 to 40 bar absolute
Medium temperature	-25 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 8 to 30 V
Process connections	Clamp, VARIVENT®, JUMO PEKA
Special features	Electrolytically polished, Ra ≤ 0.4 µm; FDA-compliant materials

