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Electronic pressure switch with display Model PSD-10

WIKA Data Sheet PE 81.13



Applications

- Hydraulic and pneumatic applications
- Filter
- Pumps (condensers, tanks)
- Compressors

Special features

- 4-digit display range -999 ... 9999
- Switch points freely programmable
- Ingress protection IP 67
- Indication rotatable 280°
- Optional analog output freely scalable

Description

Comfortable handling

Robust and compact design combined with easy handling are the features of these state-of-the-art pressure switches. The well-conceived form with slanted display and a large indication, which rotates by 280°, enables the user to read off measurements from various directions, even under arduous lighting conditions or from a distance. Unit, switching points as well as zero point and span can easily be configured by means of the self-explanatory menu. The adjustable password provides protection from unauthorised access.

Proven measuring technologies

Sensors made by WIKA have guaranteed high accuracy, long-term stability and reproducibility in industrial pressure measurement for decades. The appropriate sensor principle used - either metal thinfilm or ceramics - depends on the respective measuring range. As it is designed for rugged environments, the pressure switch is extremely resistant to interference, shocks and vibrations.

Electronic
Pressure Measurement

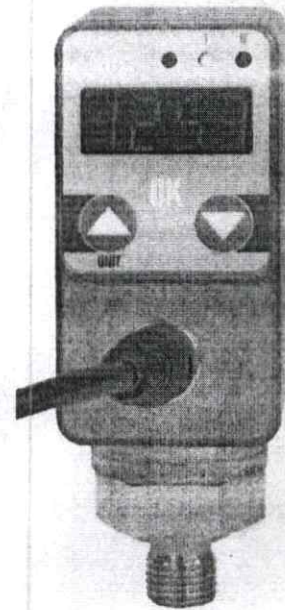


Fig. Pressure switch PSD-10

The PSD-10 provides the user with a precise instrument with excellent switching functionality. It is ideally suited for permanent use in series production in industrial applications.

Elaborate functions

As it is equipped with up to two switching outputs, which can be individually configured, a pressure display as well as an optional analog output, the PSD-10 combines the tasks of a pressure switch, a digital display and a pressure transmitter. A switching output as well as an LED can also be used as error status indicator according to the DESINA® concept.

Versatile and multifaceted

The simple and safe transmission of requested settings and functions to other pressure switches is enabled by means of an optional programming module. An especially robust mounting can be realised with the optional connection clip.

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Pressure switch Model PS-2X see data sheet PE 81.28

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