

New pressure switch with wide adjustable switch differential and high repeatability

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WIKA has tailored its new mechanical pressure switch to a wide range of requirements in the process industry. The model PSM-700 offers a switch differential adjustable over a wide range, very high repeatability and a rugged case.

The PSM-700 has a UL-listed micro switch that switches at electrical powers up to AC 250 V/10 A. With a switch point repeatability of $\leq 0.5\%$, it offers long-lasting high reliability. The high adjustability of the switch differential – up to 60 % of the setting range – enables flexible on/off switching. The instrument can be delivered with setting ranges from -1 ... 1.5 bar to 7 ... 35 bar.

A robust aluminium case and wetted parts made of corrosion-resistant 316L stainless steel also enable the new pressure switch to be used under harsh conditions. A dual-entry option is possible for the electrical connection (top and side) meaning the instrument can be mounted in the optimal orientation.

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Manufacturer:

WIKA Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Straße 30
63911 Klingenberg/Germany
Tel. +49 9372 132-5049
Fax +49 9372 132-406
vertrieb@wika.com
www.wika.de

WIKA company photograph:

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Edited by:

WIKA Alexander Wiegand SE & Co. KG
André Habel Nunes
Marketing Services
Alexander-Wiegand-Straße 30
63911 Klingenberg/Germany
Tel. +49 9372 132-8010
Fax +49 9372 132-8008010
andre.habel-nunes@wika.com
www.wika.de

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