



### Pressure Sensors with flush Membrane

薄膜式壓力感測器



#### DESCRIPTION

The flush membrane version of our pressure sensors has been developed especially for applications where the sensor element must be reliably separated from the process medium.

Clogging and gumming-up of the pressure port is thus reliably prevented. Even with difficult process media, the susceptibility to failure is reduced.

The electronic pressure transmitter types HDA 4000 and HDA 7000 as well as the electronic pressure switch type EDS 3000 are currently available with a flush membrane. Sensors with fluid port connections generally used in the relevant field of applications are available. Furthermore, connection variants with a cooling body designed for special applications, also standard applications, with high fluid temperature up to 150 °C have been developed.

#### PRODUCT ADVANTAGES

- Accuracy  $\leq \pm 1.0$  % FS max.
- Analogue and switching outputs
- Most commonly used mechanical connection variants
- Fluid temperature up to 150 °C possible using devices with cooling body.
- ATEX and IECEx approval possible depending on the model type.



HYDAC Electronic



#### Pressure Transmitter HDA 4400

Relative pressure Accuracy 0.5 %



Flush membrane

#### Pressure Transmitter HDA 7400

Relative pressure Accuracy 0.5 %



Flush membrane

#### Pressure Switch EDS 3300

Relative pressure Display

#### Pressure Switch EDS 3400

Flush membrane  
Up to 2 switching outputs  
Analogue output

