

DT98A832**PRESSURE SENSORS • CONNECTION G1" OUTER THREAD**

Pressure sensors are suitable for measuring different media with high accuracy. They are available with switching output and/or analog output. Using PC software, the measured values can be recorded depending on the device type. These sensors can be used in all areas of e.g. pneumatic and hydraulic applications.

MECHANICAL DATA

| | |
|-----------------------------|------------------------|
| Ambient temperature | -25 °C ... 85 °C |
| Bursting pressure | 1.5 bar |
| CIP compatible | Yes |
| Degree of protection (IP) | IP65 |
| Explosion-proof | No |
| For liquid media | Yes |
| For pasty media | Yes |
| Front-flush membrane | Yes |
| Housing design | Cylinder plain |
| Housing material | Stainless steel 1.4404 |
| Max. operating pressure | 1000 hPa |
| Max. operating pressure | 1 bar |
| Medium temperature | -40 °C ... 125 °C |
| Pressure transmitter | Yes |
| Sensing element material | Stainless steel 1.4435 |
| Sensor diameter | 26.5 mm |
| Sensor length | 115 mm |
| Thread length | 19 mm |
| Thread pitch | 1814 mm |
| Type of pressure connection | G1/2 inch A |
| With hand operation | No |

ELECTRICAL DATA

| | |
|--|---------------|
| Electronic version | Yes |
| End value measuring range, pressure | 25000 Pa |
| Initial value of measuring range, pressure | 0 Pa |
| IO-Link compatible | No |
| Measurement method | Relative |
| Number of pins | 2 |
| Operating voltage | 12 V ... 36 V |
| Rated operating voltage U _e at DC | 12 V ... 36 V |

ELECTRICAL DATA

| | |
|-------------------------------|------------------------|
| Relative measurement accuracy | 0.5 % |
| Response time | 10 ms |
| Short-circuit-proof | Yes |
| Suitable as 2-point control | No |
| Suitable as limiter | No |
| Suitable as monitor | No |
| Temperature drift | 0.3 % |
| Type of analog output | 4 mA ... 20 mA |
| Type of electrical connection | Valve connector type A |
| Voltage type | DC |
| With manual on/off switch | No |

OTHER DATA

| | |
|----------------------------|----------|
| Compatible with foodstuff | Yes |
| For hydraulic applications | Yes |
| Measuring display | Relative |

DIMENSIONAL DRAWING**INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL**SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!