

DT98C132**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	-20 °C ... 80 °C
Bursting pressure	4.8 bar
Degree of protection (IP)	IP65
Explosion-proof	No
For gaseous media	Yes
For liquid media	Yes
For pasty media	Yes
Front-flush membrane	Yes
Housing design	Cylinder plain
Housing material	Chromium-nickel steel
Max. operating pressure	4000 hPa
Max. operating pressure	4 bar
Medium temperature	-30 °C ... 100 °C
Nominal pressure	0.6 bar
Pressure transmitter	Yes
Sensing element material	Chromium-nickel steel
Sensor diameter	27 mm
Sensor length	106.5 mm
Thread length	20.5 mm
Thread pitch	2.31 mm
Type of pressure connection	G1 inch B
With hand operation	No

ELECTRICAL DATA

Electronic version	Yes
End value measuring range, pressure	60000 Pa
Initial value of measuring range, pressure	0 Pa
IO-Link compatible	No
Measurement method	Relative
Measuring range pressure (MAX)	0.6 bar
Number of pins	2

ELECTRICAL DATA

Operating voltage	10 V ... 30 V
Rated operating voltage U _e at DC	10 V ... 30 V
Relative linearity deviation	0.2 %
Relative measurement accuracy	0.25 %
Relative repeat accuracy	0.1 %
Response time	2 ms
Reverse polarity protection	Yes
Setting procedure	Manual adjustment
Short-circuit-proof	Yes
Suitable as 2-point control	No
Suitable as limiter	No
Suitable as monitor	No
Temperature drift	0.2 %
Type of analog output	4 mA ... 20 mA
Type of electrical connection	Plug-in connection M12
Voltage type	DC
With manual on/off switch	No

OTHER DATA

Compatible with foodstuff	Yes
For hydraulic applications	Yes
For pneumatic 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!