

DT98C155**PRESSURE SENSORS • CONNECTION G1/8" 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	300 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	Stainless steel 1.4404
Max. operating pressure	200000 hPa
Max. operating pressure	200 bar
Medium temperature	-40 °C ... 125 °C
Pressure transmitter	Yes
Sensing element material	Stainless steel 1.4404
Sensor diameter	26.5 mm
Sensor length	100 mm
Thread length	15 mm
Thread pitch	1.81 mm
Type of pressure connection	G1/2 inch A
With hand operation	No

ELECTRICAL DATA

Electronic version	Yes
End value measuring range, pressure	10000000 Pa
Initial value of measuring range, pressure	0 Pa
IO-Link compatible	No
Measurement method	Relative
Number of pins	2
Operating voltage	8 V ... 32 V
Rated operating voltage U _e at DC	8 V ... 32 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	0.2 %
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

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!