

DW98C684

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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	50 bar
Cable length	10 m
Degree of protection (IP)	IP68
Explosion-proof	No
Front-flush membrane	Yes
Housing design	Special construction
Housing material	Stainless steel 1.4404
Max. operating pressure	40000 hPa
Max. operating pressure	40 bar
Medium temperature	-25 °C ... 125 °C
Sensing element material	Stainless steel 1.4305
Type of pressure connection	M22x1.5
With hand operation	No

ELECTRICAL DATA

Adjustable hysteresis	Yes
Electronic version	Yes
End setting (MAX)	9000 hPa
End value measuring range, pressure	900000 Pa
Initial setting (MIN)	-1000 hPa
Initial value of measuring range, pressure	-100000 Pa
IO-Link compatible	No
Measurement method	Relative
Number of switching outputs	2
Operating voltage	12 V ... 36 V
Rated operating voltage U _e at DC	12 V ... 36 V
Relative measurement accuracy	0.5 %
Short-circuit-proof	Yes
Temperature drift	0.3 %
Type of electrical connection	Cable

ELECTRICAL DATA

Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With display	Yes
With manual on/off switch	No

OTHER DATA

Measuring display	Relative
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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!