



baro link

TECHNICAL SPECIFICATION

Sensor	Barometer		
Measure range	600 ÷ 1100 mbar		
Accuracy	± 1.5 % FSS		
Proof pressure*	2 bar		
Burst pressure†	3 bar		
Response delay	0.5 ms		
Current consumption	3 mA		
Power supply	2.7 ÷ 3.3 V		
Maximum power supply	6.5 V		
Operating temperature	-20 °C ÷ +85 °C		
A/D Resolution	12 bit		
D/A Resolution	11 bit		
Analogue performance characteristic	Min.	Typ.	Max.
Output at min. specified pressure	0.22 V	0.25 V	0.28 V
Output at max. specified pressure	2.22 V	2.25 V	2.28 V
Digital performance characteristic	Min.	Typ.	Max.
Output at min. specified pressure	2403	2731	3058
Output at max. specified pressure	24248	24575	24903
Dimensions			
Length	80 mm		
Width	23 mm		
Height	35 mm		
Weight	33 g		
Electrical cable	CEI 20-35		

* Proof pressure is the maximum pressure which may be applied without causing durable shifts of the electrical parameters of the sensing element.

† Burst pressure is the maximum pressure which may be applied without causing damage to the sensing element or leaks to the housing.

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