

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.

DISCLAIMER: ASE S.r.l. reserves the right to change any product or technology in order to improve its reliability, functionality or design without prior notice.

MUMS instrument is covered by a patent


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