

# Technical Data

Adcon BP1 Barometric Pressure Sensor



## 500 - 1500mbar, 0.1-2.5V

High accurate Barometric Pressure Sensor. Temperature dependencies and non-linearities of the sensor are mathematically compensated for, up to 80°C. The sensor has a very low power consumption and produces an analogue output signal of 0,1 ... 2,5VDC

Pressure range (FS)	500 ... 1500mbar
Sensing element:	piezoresistive pressure element
Accuracy:	0.1% FS
Operating temperature:	-40°C ... +100°C / -40°F ... +212°F
Compensated temperature	0°C ... +80°C / 32°F ... +176°F
Supply Voltage:	3.5V ... 12V DC
Output Signal:	0.1V ... 2.5V
Material:	Case: Polycarbonate Sensor: Stainless Steel 316L (DIN 1.4435)
Dimensions LxWxH:	150 x 80 x 75mm / 5.9 x 3.15 x 2.95 in. including mounting bracket, goretex vent and gland nut
Weight:	330 grams (sensor only) / 0.73 lb.
Protection:	IP67
Cable & Connector:	7-pin Binder jack with 2m cable