



# Industrial Barometric Pressure Sensor Product Specification Sheet



Environmental Housing

UV Shiled

Fast Response Time

Encapsulated

Chemically Resistant

## Technical Specifications:

Pressure Range: 150 to 1300 mbar

Error Band:  $\pm 1.5\%$  of Span

Maximum Pressure: 400 kPa / 58 psia

Avg. Sensitivity: +26mV/%RH (from 33% to 75% RH)

Construction: Epoxy encapsulated thermoplastic housing

Long Term Stability:  $\pm 0.5\%$  RH/y

Voltage Supply: 4.75 to 5.25 Vdc

Operating Temp: -40 to 93°C (-40 to 200°F)

Temp. Measuring Range: -40 to 93°C (-40 to 200°F)

## Measure and Monitor Barometric Pressure

The Blue Siren Barometric Pressure Sensor is a low pressure highly accurate sensor capable of measuring pressure from 150 to 1300 mbar. The sensor is versatile for industrial, commercial and meteorological application. The Blue Siren Barometric Pressure Sensor offers data quickly with increased accuracy.

## Pressure Ranges:

UNITS	RANGE	RESOLUTION
kPa	15 to 130	0.03
psia	2.18 to 18.86	0.005
millibar	150 to 1300	0.3
inHg	4.43 to 38.38	0.01

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION, DESIGN OR OTHERWISE. ... It shall be the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.