



# AH31R-050KV

**Product code:** AH31R-050KV

**Manufacturer:** Fujikura Ltd.

Piezoresistive pressure sensor, temperature compensated, calibrated analog output and DIP mounting.

Fujikura pressure sensor is composed of a silicon piezo-resistive pressure sensing chip and a signal conditioning integrated circuit.

The signal from the sensing chip is amplified, temperature compensated, calibrated, and finally made available as analog output signal that is proportional to the applied pressure.

<b>Accuracy</b>	+/- 1.5% FS
<b>Temperature compensation</b>	0-60°C
<b>Pressure port length</b>	6 mm
<b>Mounting</b>	DIP
<b>Pin orientation</b>	Opposite
<b>Pressure port</b>	Horizontal
<b>Pressure Type</b>	Gauge
<b>Measurement range</b>	-50 kPa
<b>Supply voltage</b>	3.3 Vdc