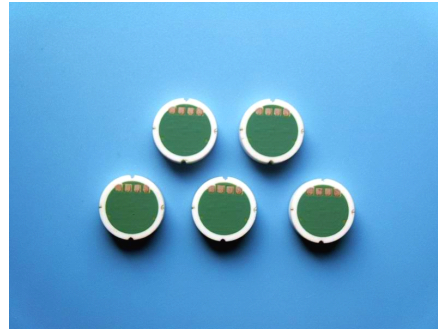


HB2018 High-power Ceramic pressure sensor

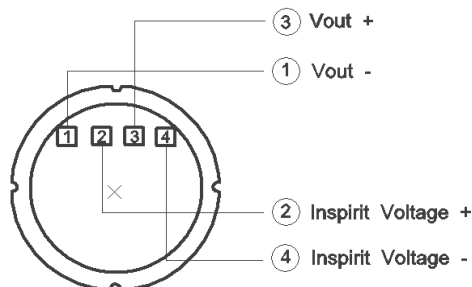


The HB2018 has a Incorporate Piezoresistive Ceramic sensor and has wide operating temperature range of -40-125°C combined with high stability and has low temperature float。 The HB2018 incorporate ceramic sensor has important characteristic: treble to quintupling overload excellent characteristic and superexcellent linearity accuracy。 Sensors adopt laser trimmed zero signal。

Chart features make them ideal for process control purposes in automatic machinery and instrumentation。

Characteristic:

● Pressure range:	0.2—40		Mpa
● Excitation Voltage:	5—30		Vdc/stabilized
● Bridge resistance:	11 ± 20 %		KΩ
● Zero measure output (Uo);	0± 0.5		mV
● Operating temperature:	-40-125		°C
● Thermal zero shift (α):	≤ ±0.015	0-70°C	FSO%/°C typ
● Thermal sensitivity shift (β):	≤ ±0.015	0-70°C	%/°C typ
● Time zero shift (DO) :	≤ ±0.20		%
● Zero stability (SO) :	≤ ±0.2		%
● Full range output stability(SFS)	≤ ±0.2		%
● Linearity (eL) :	≤ ±0.2		%/FSO
● Hysteresis (eH) :	≤ ±0.2		%/FSO
● Repeatability (eR) :	≤ ±0.2		%/FSO
● Reference temperature	25		°C



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