"WITHOUT AN ORIGINAL THERE CAN BE NO IMITATION"

ACAM INSTRUMENTATION LTD

FOR TRANSDUCERS AND ELECTRONICS

CERAMIC SENSORS

ALL PRESSURES

Acam Instrumentation can offer a wide range of pressures to suit a variety of applications as may be found in general industry, medical and military. Employing ceramic technology giving a remarkable variety of sizes and pressure ranges measure from .05 bar for full range output through to 500 bar.

These sensors can be used in a OEM context or can be engineered into completed transducers and transmitters. Sensors are available as a diaphragm for customer mounting and wiring, with one ring ceramic ring for ease of mounting , fully wired with flying lead or connector mounted on PCB or ceramic sheet.

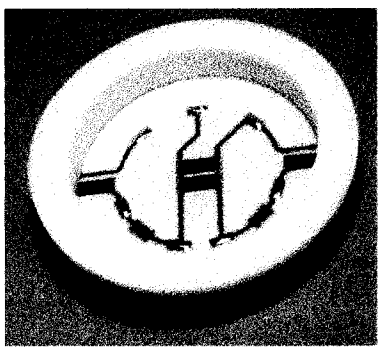
Signal output is 15 mV from a 5 volt supply.

A high performance ratio to price is achieved.

Linearity's of better than 0.15% typical.

Performance under thermal cycling is very good this sensor displays a very low thermal hysteresis and excellent thermal stability. Temperature coefficients can be customised to customer requirements.

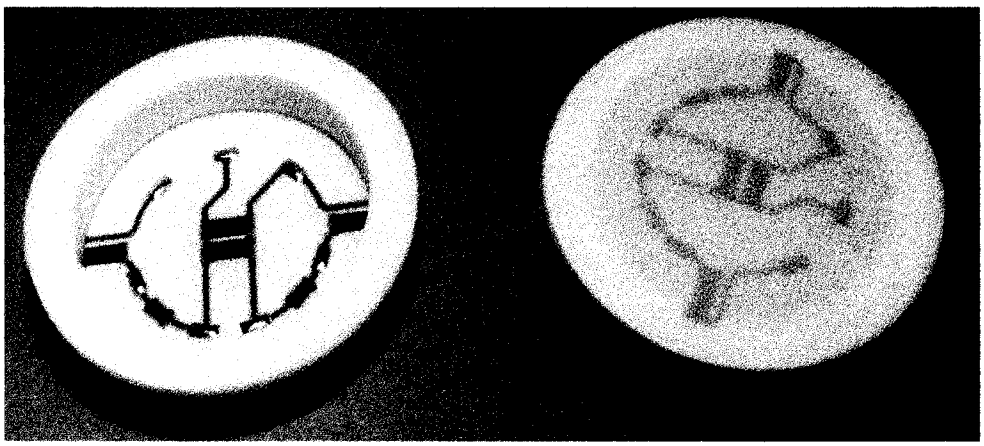
There is a commitment to quality, state of the art technology, and personal service, based on over thirty years of specialists experience in sensor and transducer design.



TYPICAL CERAMIC SENSOR

Acam Instrumentation Ltd
23 Thomas St
Northampton
NN1 3EN
Tel- 01604 28700
Fax- 01604 28700

Acam Instrumentation Ltd Manufacture A Variety Of Standard Sensors For The Measurement Of Load Pressure Torque and Strain. Please ask for Details



CERAMIC

CERAMIC PRESSURE RANGES		5.00 V INPUT			15 mVOUTPUT	
pressure= bar		dia thick= inches				
	DIAMETER	0.008	0.01	0.02	0.04	0.06
10 X 6.3	6.30	8.66	13.53	54.13	216.50	487.13
10 X 7	7.00	7.01	10.96	43.84	175.37	394.57
20 X 15	15.00	1.53	2.39	9.55	38.19	85.93
35 X 22	22.00	0.49	0.77	3.06	12.25	27.56
34 X 29	29.00	0.28	0.44	1.76	7.05	15.86
41 X 35	35.00	0.19	0.30	1.21	4.84	10.89
43 X 33	33.00	0.22	0.34	1.36	5.44	12.25

Registered in England No 1543383
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