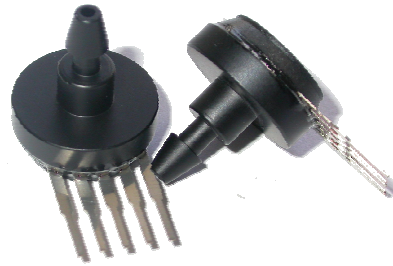


**SPECIAL LOW PRESSURE RANGE SENSOR WITH COMPENSATED OUTPUT:  
 SPD0.3GAsil**

This Smartec pressure sensor has an amplified analogue output. The sensor is compensated for offset, sensitivity, temperature drift and nonlinearity. The sensor has a range of 0.3 PSI FS and the output is ratiometric to the power supply voltage. Other pressure ranges (from 0.3 to 100 psi) on request.



**Electrical Characteristics**

Performance characteristic @ Vcc = 5 V and 25 °C.

Parameter	Min	Typ	Max	Units.
Supply Voltage	2.7	5	5.25	V
Supply Current		-	2.0	mA
Pressure range	0		0.3	psi
Zero Output	0.1	0.2	0.3	Vdc
Span Output(ratiometric)		4.6		Vdc
Accuracy			2.2	%FS/100°C
Linearity		±1.0		%FS
Response time		1		ms
Pressure overload			5x	psi
Temperature compensating	0		50	°C
Storage temperature	-40		125	°C

Wetted materials are:

