



AD592 TEMPERATURE H50 RELATIVE HUMIDITY SUNBLOCK RADIATION SHIELD

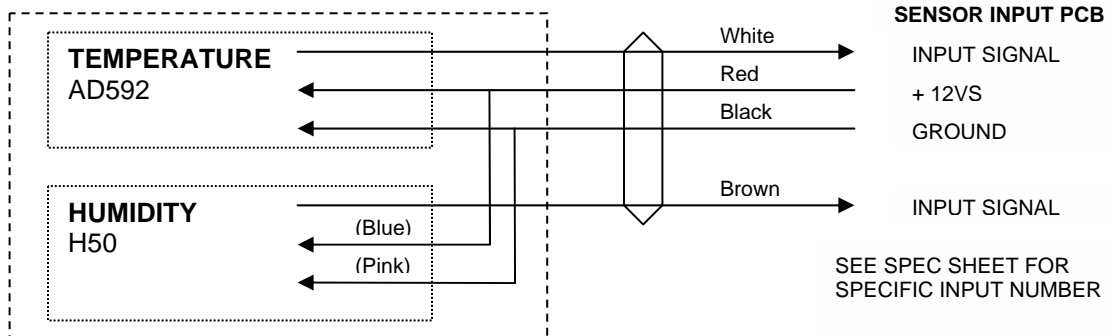
TEMPERATURE SENSOR, Model No. AD592

Specifications	
High Pre-calibrated Accuracy	0.5°C max @ 25°C
Excellent Linearity	0.15°C max (0 to 70°C)
Wide Operating Temperature Range	-40°C to +60°C
Single Supply Operation	+4V to +30V
Excellent Repeatability and Stability	
High Level output	1 μ A/K
Two Terminal Monolithic IC	Temperature In/Current Out
Minimal Self-Heating Errors	



RELATIVE HUMIDITY SENSOR, Model No. H50

Specifications	
Measurement Range	0 to 100% RH
Output Signal Range	0.002 to 1 VDC (corr. to 0.2 to 100% RH)
Accuracy	(at 20°C) (including non linearity and hysteresis) Against factory references $\pm 1\%$ RH Against field references $\pm 2\%$ RH (0 to 90% RH) $\pm 3\%$ RH (90 to 100% RH)
Temperature Dependence	$\pm 0.04\%$ RH/°C
Typical Long-term Stability	Better than 1% RH per year
Response Time	(at 20°C), 90% response): 15 s with membrane filter
Setting Time	.25 sec.
Supply Voltage	7 to 35 VDC
Current Consumption	≤ 4 mA
Operating Temperature	-40°C to +60°C



SUNBLOCK RADIATION SHIELD

