

TEMPERATURE SENSORS FOR B.M.S

A range of NTC Thermistor, Ni1000 & PT100/PT1000 sensors for use with most manufacturers BMS equipment.

NTC /Ni

Sensors only suitable for up to 110°C

Enclosure Flammability:
 ED, EF = UL94-V0
 EI, EM, ES, EX = UL94-V0
 ER, EV, EH = UL94-HB

EF / EJ.. Only suitable for use with PT100 sensors.

ALL SENSORS SUPPLIED WITHOUT LOGO

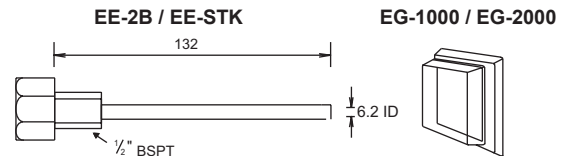


Prefix	Type	Dimensions	Protection	Suffix	Compatibility	Check Temp/Resistance Chart
EC-	Cable	2m long cable. Sensor 7.1 dia x 40	IP65	3K3A1	Alerton	Ibex
ED-	Duct	80 dia x 55 160mm probe	IP65	20K6A1	Honeywell	Excel
EF-	Flue Gas	Probe length 230mm	IP65	10K3A1	Honeywell	Aquatrol 2000
EH-	Black Bulb	85H x 85W x 30D + bulb 16 mm	IP30		Trend	York MR700,701,702,704,708,710
EI-	Immersion <110°C	Approx 80 dia x 55	IP65		Alerton	Backtalk
EJ-	Immersion >110°C	Approx 80 dia x 55	IP65		Smart	
EI-, EJ- ORDER POCKET SEPARATELY				10K3A1/A	Satchwell	DRT,DDT,DWT,DOT,DST,DDU 1803,DC1400
EK-	Fan Coil	1m Cable + Duct tube 80mm	IP65	10K4A1	Andover	
EM-	Duct Averaging	Approx 80 dia x 55 4 sensors at 0.5m intervals along 2m cable x 8 dia	IP65	100K6A1	York	MR703,705,709
ER-	Room	85H x 85W x 30D	IP30	LST1	Landis & Staefa	T1
EV-	Room + Adj knob	85H x 85W x 30D Pot 1-11kΩ	IP30	LS1000	Siemens, Landis	Ni 1000 QAA23, QAD21, QAE21
ES-	Strap-On	Approx 80 dia x 55 cable 2m includes strap for up to 6" pipe dia	IP65	TAC1	TAC	
EX-	Outside	Approx 80 dia x 55	IP65	PT100	Serck etc	PT100
EGS-	Thimble sensor	Dome dia 15 x 16.5 L Drill hole 12 dia.	200mm cable IP30		- Stainless Brushed Satin	
EGB-	Thimble sensor	Dome dia 15 x 16.5 L Drill hole 12 dia.	200mm cable IP30		- Brass Other colours on request	
EGW-	Thimble sensor	Dome dia 15 x 16.5 L Drill hole 12 dia.	200mm cable IP30		- White	

TO ORDER - SELECT PREFIX + SUFFIX ie Room Sensor for Trend System = ER-10K3A1, Andover Duct sensor = ED-10K4A1

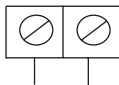
ACCESSORIES:

- EE-2B** Brass Pocket 1/2" BSP 120mm x 6.2mm id for EI
- EE-STK** Stainless Steel Pocket 1/2" BSP 120mm x 6.2mm id for EI- & EJ
- EE-ESS** Fixing strap for ESS Strap-On Thermostats & Sensors
- EG-1000** Thermostat Guard Internal Dims 133H x 155W x 70D
- EG-2000** Thermostat Guard Internal Dims 102H x 123W x 60D

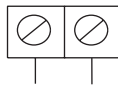


WIRING:

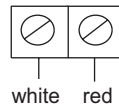
NTC Thermistor



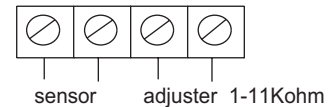
Ni 1000



PT100 / PT1000



EV..



INSTALLATION: Terminals 0.5 -2.5mm² Max length 100mm. Sensor cable size 7/0.2mm Screened cable is recommended. Keep away from power cables/units which may cause interference. The screen should be earthed at the controller end only.