

E..

A range of temperature transmitters fitted with PT100 sensing elements giving a 4-20mA or 0-10VDC output signal linear across the temperature range.

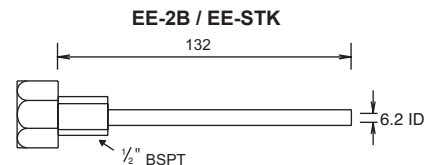
Consumption < 32mA & Load < 600Ω for 4-20mA devices
 Consumption < 25mA & Load < 10KΩ for 0-10VDC devices
 Accuracy < 1.5% of range
 Ambient -20/+70 C
 Temp Effect ± 2µA/ C
 *CK1000 fitted with 1K1 type thermocouple
 Enclosure Flammability:
 ED, EF, EI, EM, ES, EX = UL94-V0
 EH, ER = UL94-HB

4-20mA	Type	0-10VDC	Description	Range °C	Dimensions	Protection
ED-C040	ED-V040		Duct	-10 / +40	Approx 80 dia x 55 160mm probe	IP65
ED-C110	ED-V110		Duct	-10 / +110	Approx 80 dia x 55 160mm probe	IP65
EF-C400	EF-V400		Flue Gas	0 / 400	Probe length 230mm	IP65
EF-CK1000	-		Flue Gas	0 / 1000	Probe length 230mm *	IP65
EH-C040	EH-V040		Black Bulb	-10 / +40	85H x 85W x 30D + bulb 16mm	IP30
EI-C040	EI-V040		Immersion	-10 / +40	Approx 80 dia x 55	IP65
EI-C110	EI-V110		Immersion	-10 / +110	Approx 80 dia x 55	IP65
EJ-C160	EJ-V160		Immersion	-10 / +160	Approx 80 dia x 55	IP65
EI- EJ- Order Pocket Separately						
EM-C040	EM-V040		Duct Averaging	-10 / +40	Approx 80 dia x 55 2m capillary	IP65
ER-C040	ER-V040		Room	-10 / +40	85H x 85W x 30D	IP30
ES-C040	ES-V040		Strap-On	-10 / +40	Approx 80 dia x 55 strap up to 6" pipe	IP65
ES-C110	ES-V110		Strap-On	-10 / +110	Approx 80 dia x 55 strap up to 6" pipe	IP65
EX-C040	EX-V040		Outside	-10 / +40	Approx 80 dia x 55	IP65

4-20mA devices Supply = 24VDC loop ± 25% 0-10vdc devices Supply = 24VAC/DC ± 15%

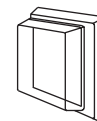
ACCESSORIES:

- EE-2B** Brass pocket for EI.. up to 110°C
- EE-STK** Stainless steel pocket for EI.. EJ..
- EE-ESS** Larger dia. fixing strap for strap-on stats / sensors. Per metre
- EG-1000** Stat Guard Internal dims 133H X 155W X 70D
- EG-2000** Stat Guard Internal dims 102H X 123W X 60D



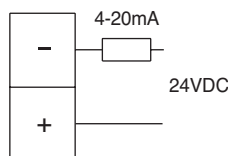
EG-1000 / EG-2000

EE-ESS

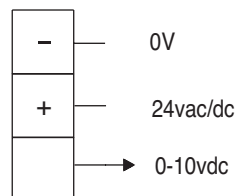


WIRING:

4-20mA devices:



0-10VDC devices:



INSTALLATION: Terminals 0.5-2.5mm Min sensor cable size 7/0.2mm Keep away from power cables/units which may cause interference.
 Max length 300m. Screened cable is recommended. The screen should be earthed at the controller end only