

SE Evello Control Accessories

Internal & External Temperature Sensors



OSLink Temperature Sensors

The internal & external temperature sensors are designed for wall mounting and are fitted with a high quality thermistor.

External version of the sensor is fitted with a Radiation Shield to protect the element from the effects of direct sunlight.

Temperature sensors are used in SE Evello systems to provide live corridor temperature feedback via the SE Cloudlink system, automated vents are operated via the cloud via the SE Evello site specific algorithm.

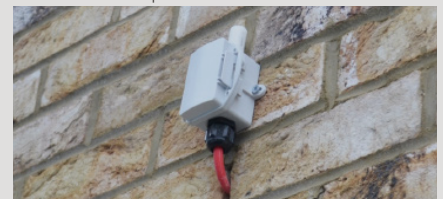
Connection of these OSLink temperature sensors to OS2 Shevtec Controllers require additional 'TASC' PCB modules, one version for each sensor type.

Key Benefits of Evello

- Based on over two years of data collection from live test sites
- Can be used with both natural and mechanical smoke ventilation systems
- Pre designed additional / secondary strategies where required
- 4G communications based on current SE Cloudlink technology
- Ability to retro fit into existing SE Controls installations

SE EVELLO

External Temperature Sensor

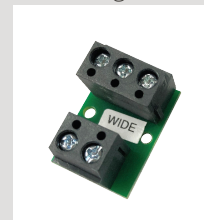


Internal Temperature Sensor

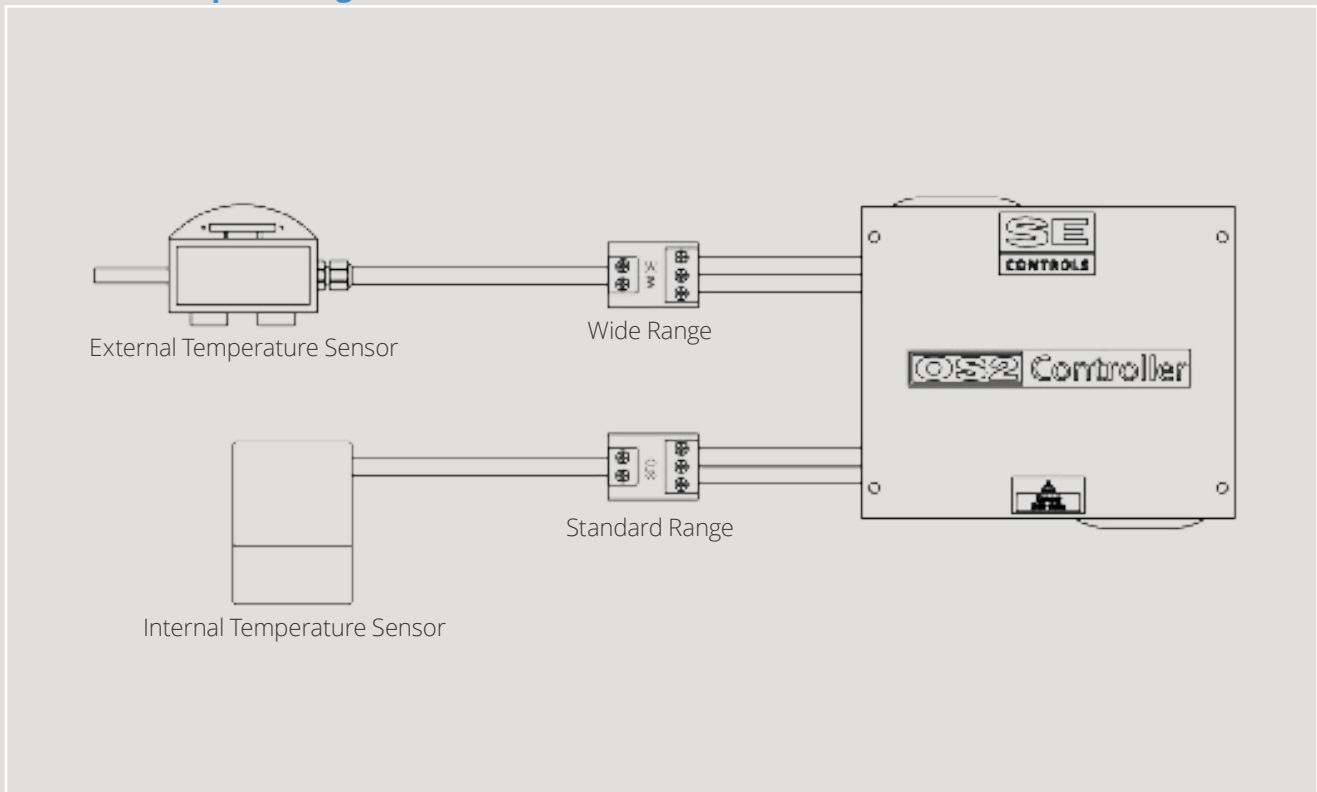


Wide Range

Standard Range



SE Evello Example Configuration



External Sensor Technical Data

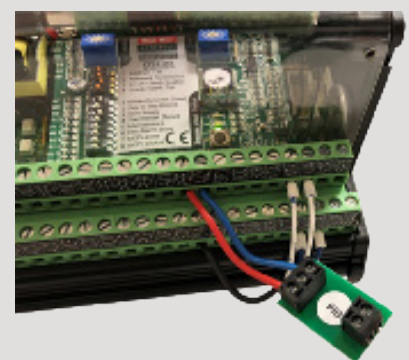
Sensor Type	External Air Temperature Sensor
Voltage	0-10 V dc
Material	Flame Retardant ABS
Finish	Polished White
Dimensions	Housing 75 x 70 x 50mm Probe 40 x 16mm
IP Rating	IP54
Ambient Operating Temp	-30°C to 70°C

Internal Sensor Technical Data

Sensor Type	Internal Air Temperature Sensor
Voltage	0-10 V dc
Material	Flame Retardant ABS
Finish	Polished White
Dimensions	115 x 85 x 28mm
IP Rating	IP30
Ambient Operating Temp	-10°C to +60°C

Product Codes

External Temperature Sensor	NSS00010001
Wide Range TASC Board	FXS00500034
Internal Temperature Sensor	NVS00200031
Standard Range TASC Board	FXS00500033



Note: TASC boards can be installed locally into the OS2 Shevtec controller