

SE Evello Control Accessories

Internal and External Temperature Sensors



SE Evello Temperature Sensors

The internal and external temperature sensors are designed for wall mounting and are fixed with a high quality thermister

The 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.

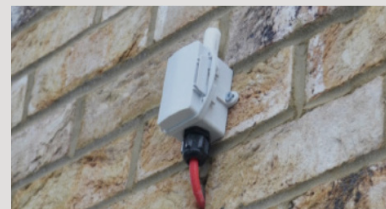
Connection of these OSLink temperature sensors to OS2 SHEVTEC Controllers require additional 'TASC' PCB modules, one version for each sensor type.

Key Benefits of Evello

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

SE EVELLO

External Temperature Sensor

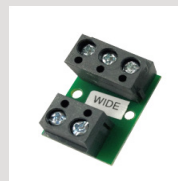


Internal Temperature Sensor

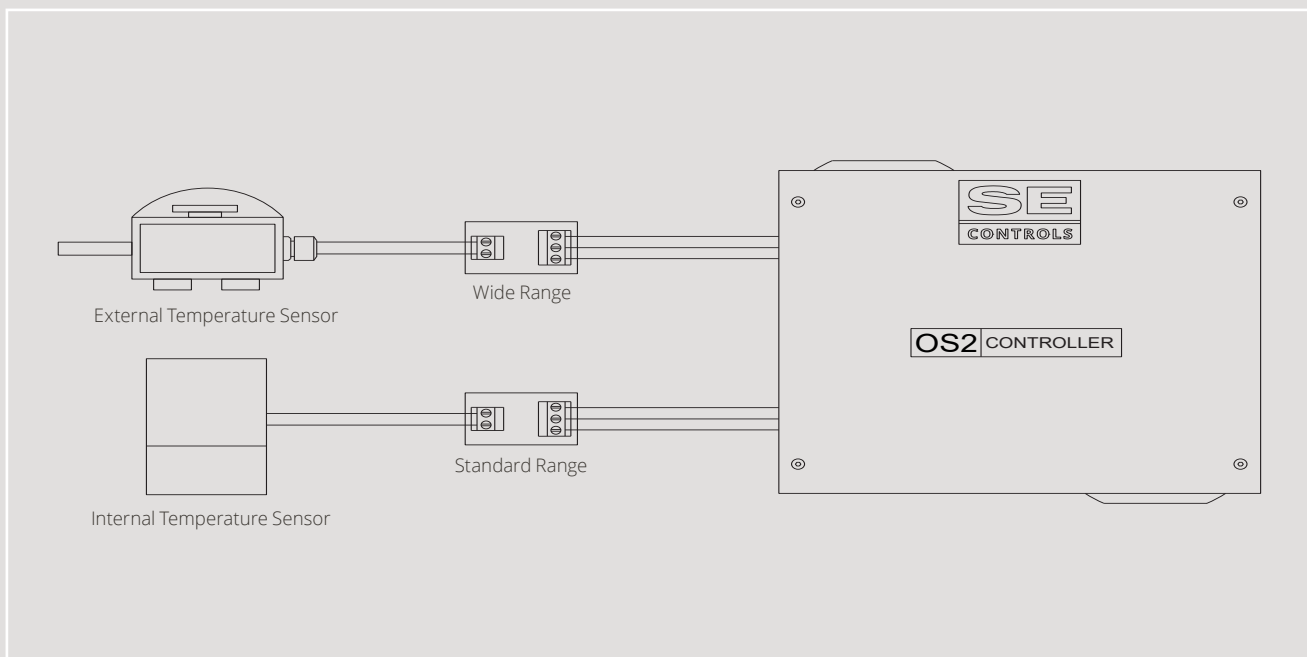


Wide Range

Standard Range



SE Evello Example Configuration



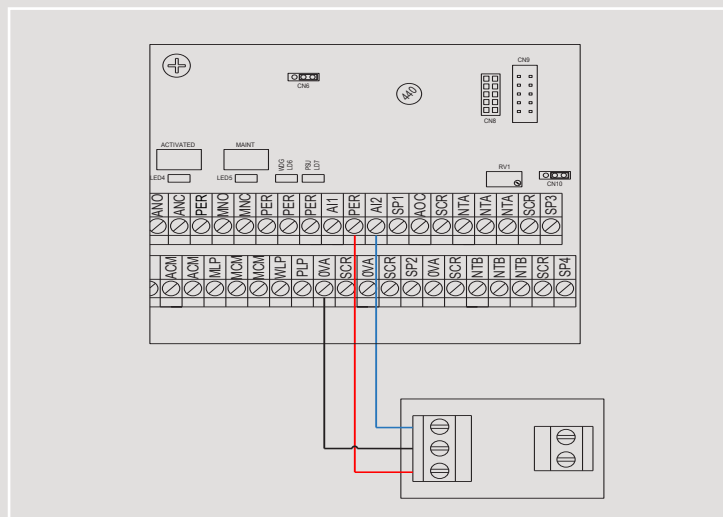
External Sensor Technical Data

| | |
|--------------------------------------|--|
| Sensor Type | External Air Temperature Sensor |
| Voltage | 0-10 V dc |
| Material | Flame Retardant ABS |
| Finish | Polished White |
| Dimensions | Housing 75 70 x 50 mm Probe 40 x 16 mm |
| IP Rating | IP 54 |
| Ambinet Operating Temperature | -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 28 mm |
| IP Rating | IP30 |
| Ambinet Operating Temperature | -10°C to 60°C |

TASC Board Connection



Note: TASC boards can be installed locally into the OS2 SHEVTEC Controller

Product Codes

Evello Cloudlink Panel

| Product | Part No |
|--|-------------|
| Evello Cloudlink Control Panel Final Assembly Programming¹ | FCS00200287 |

¹ Refer to SEC_4267 SE Evello Controller datasheet for information on this product

External Temperature Sensor

| Product | Part No |
|---|-------------|
| OSLink Outdoor Temperature Sensor C/W Radiation Shield | NSS00010001 |

Internal Temperature Sensor

| Product | Part No |
|---|-------------|
| OSLink Temperature Sensor | NVS00200031 |
| TASC PCB Standard Range C/W Wire Set | FXS00500033 |