

Datasheet

RS Pro Duct Temperature Sensors

Stock Number: 813884



Features and Benefits

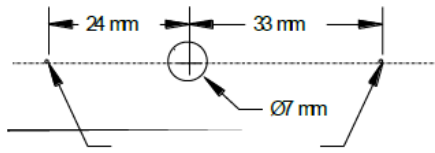
- Weatherproof housing
- Wide range of sensing element types
- Stainless steel probe
- Optional probe lengths, 65 mm, 150 mm and 250 mm
- Hinged lid with the facility of tamper proofing

Specification

Accuracy:	Thermistor	$\pm 0.2^{\circ}\text{C}$ 0 to 70°C 2°C @ 25°C 2°C @ 25°C 4°C @ 0°C
	-CVO	$\pm 0.4^{\circ}\text{C}$ @ 25°C
Probe:	Material	Stainless steel
	Dimensions	65, 150, 250mm x 6mm dia.
Housing:	Material	ABS (flame retardant type VO)
	Dimensions	75 x 70 x 50mm
Protection:	Snap-shut lid	IP54 IP65 (See installation notes)
Ambient range		-30 to 70°C
Weight		160g
Country of origin		UK

Installation

1. Select a location in the duct where the sensor probe will give a representative sample of the prevailing air condition.
2. If the sensor is to be fitted direct to the duct and drill a 7mm diameter hole in the duct, then use the housing as a template mark the hole centres or use the dimensions below), drill and fix the housing to the duct with the screws supplied.



3. Sensors with optional flange, if depth adjustment is required, use the TT-DFP, insert the probe to the desired depth and tighten the grub screw.
4. Release the snap-fit lid by gently squeezing the locking tab and feed the cable through the waterproof gland & terminate the cores at the terminal block. Leaving some slack inside the unit, tighten the cable gland onto the cable to ensure water tightness.
5. If the sensor is to be mounted outside, it is recommended that the unit be mounted with the cable entry at the bottom. If the cable is fed from above then into the cable gland at the bottom, it is recommended that a rain loop be placed in the cable before entry into the sensor.
6. Snap shut the lid after the connections have been made if IP65 protection is required, secure the lid with two screws provided.

