

ORC-HC2-EXTERNAL-SENSOR

ITEM NO: 12589

The ORC-HC2-EXTERNAL-SENSOR is designed for floor installation, featuring a bead design that accurately reads ambient temperature within the floor. It is compatible with the ORC-HC2 range and Orcomm ORC-HAGW products.



DETAILS

Type	10K NTC	Size Width	10mm
Size Depth	15mm	Design	Bead
Cable Length	1.5m	Colour	White
Material	Plastic	Compatible with	ORC-HC2-24D-RS485 ORC-HC2-16A-RS485 ORC-HC2-3A-RS485 ORC-HAGW-2 ORC-HAGW-EXT

TECHNICAL INFORMATION

Rated zero-power resistance	10K ohms +/- 1% (at 25°C)	B Value	3,950K +/- 1%
Dissipation factor	Approx 0.7 mW/°C in air	Thermal time constant	Approx 3.2 s in air
Max power rating	3.5mW at 25°C	Operating temp range	-30 to 150°C

NOTES

Item is recommended to be installed within suitable conduit. Extension of the cable may effect the resistance.

Typical Resistance value

- 17°C 14K ohms
- 19°C 13K ohms
- 21°C 12K ohms
- 23°C 11K ohms
- 25°C 10K ohms
- 27°C 9K ohms
- 29°C 8.4K ohms
- 31°C 7.7K ohms
- 35°C 6.5K ohms
- 40°C 5.3K ohms
- 45°C 4.3K ohms