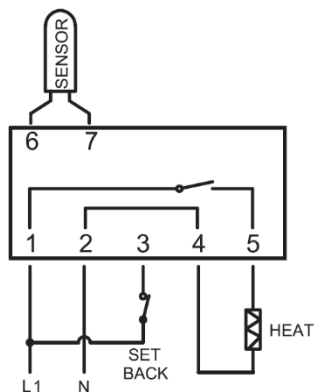


The 5291 Manual Thermostat features a simple manual temperature dial. The 5291 is designed to be mounted in your electrical box. The red light indicator shows when the heating is operating. The 5291 is floor sensing only.

Installing the thermostat

The DIN-Rail thermostat must be installed to AS/NZS 3000 by a qualified electrician in accordance with local regulations. The 5291 is mounted on a DIN-Rail, if it is to be wall-mounted a cover box will be required. In accordance with regulations, the Underfloor Heating should still have an isolating switch in the room.

Connect the thermostat to the Underfloor Heating & power supply as per the below wiring diagram. Installation should be carried out by a qualified electrician.



Function

The temperature is set to the required temperature and the heating output is energised/de-energised with a difference of only 0.4°C. LED indication when the relay is energised. The temperature can be set by simply adjusting the dial to the required temperature.

Floor Sensor

The 5291 uses a 12Kohm floor sensor supplied for monitoring the temperature of the floor. The floor sensor needs to be installed in the flexible conduit provided which runs out into the floor and is positioned between two heating cables. If required, the sensor cable can be extended up to 100m with a standard two-core flex cable(the junction point should be able to be accessed).

Technical data

Supply voltage	AC 220-240V 50/60Hz
Maximum Load	16Amp
Class	II
Complies to	EN/BS 50 081-1, EN/BS 50 082-2,
	EN/BS 60 730-1 and EN/BS 60730-2-9.

Width	36mm
Height	85mm
Depth	58mm
IP Rating	IP20
Warranty	3 Year