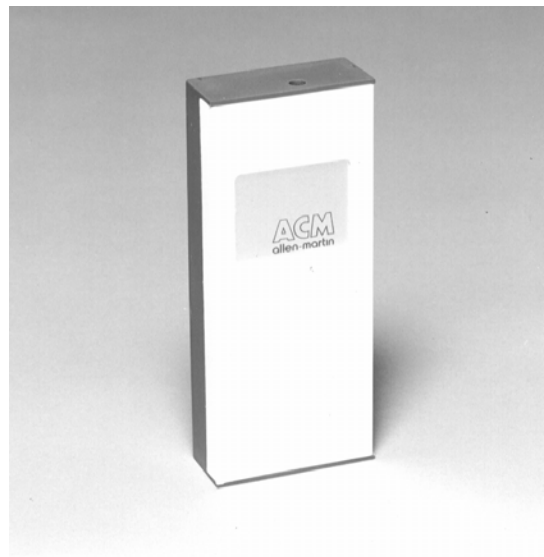


**ACM/S
Temperature Sensor****Overview**

The ACM/S is an accurate thermistor based temperature sensor with the addition of occupancy detection if required. The space temperature is normally controlled at a comfort level but with the use of an extra cable, the inbuilt acoustic sensor will detect when an area is vacated allowing temperature to fall to an energy saving "setback" temperature. When the area is not in use, the zone is controlled in a frost protection mode. The sonic detector ignores low frequency sound. Its sensitivity is adjusted at installation with an ordinary screwdriver with reference to an internal LED. The attractive low-profile enclosure is manufactured in a tough nylon compound and designed to blend unobtrusively with any decor.

**Specification**

Colour :	White and Grey Flame retardant mineral filled nylon with brushed aluminium infill plate.
Dimensions :	62(w) 150(h) 25(d)mm.
Weight :	120g.
Storage Temperature :	-65°C to 125°C.
Operating temperature :	0°C to 70°C.

Temperature range :	1.5°C to 33.5°C.
Occupancy sensor :	Acoustic.
Acoustic sensitivity :	45dBA - 98dBA.
Frequency response :	500Hz – 4KHz.

Power Supply :	10-24Vdc (From ACM system).
Power Consumption :	20mA.
Wiring :	Unscreened 3 core low voltage (without sound), Unscreened 4 core low voltage (with sound).

Terminations :	Terminals accept cable from 0.5-2.5mm diameter (flexible for final connection).
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Accessories :	Escutcheon plate, Allen-key to remove cover, Optional conduit box shroud.
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