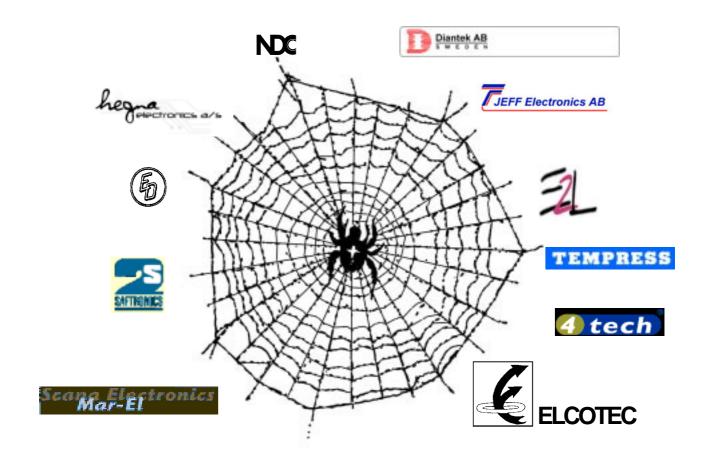
IMSAB COMPONENT GUIDE for industry and shipping



Audible noise detection **DrSonic**

Dr Sonic - Audible noise detection

manufacture E2L



- Audible noise is a reliable indicator in various systems where other parameters are not available.
- Instant indication of changes in operations.
- Standalone, plc or local annunciator interface.

APPLICATIONS:

Audible noise is a reliable indicator in various systems where other parameters are not available. For example, the downstream detection of flow in an air conditioning system can often be heard before any temperature or humidity change, and where actual flow measurement of low density fluid is difficult. Similarly the 'buzz' of a transformer is one of the few indications outside of its electrical operation that can be detected.

As 'Dr Sonic' deals specifically with acoustic ranges then any signal we can hear is a reasonable candidate to be detected with this unit. Applications and industries are widespread from the detection of footsteps on a fixed steel gantry ladder to logging the mating calls of death-watch beetle from a set of wooden beams!

SPECIFICATIONS

Visual Indicator: Green/Red LED

Power Supply: 10-32V DC @ 20mA typical Operating Range: -25°C to +85°C

18mm x 53mm x 97mm Size: Fixing: 2 off M4 set screws or studs Body Material: Injection moulded Nylon 66

Environmental Rating: IP65

Isolated volt-free N/O contact rated at 48V Output:

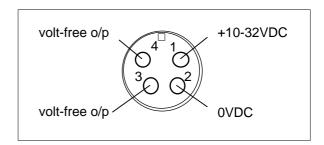
max AC or DC @ 100mA

ORDERING INSTRUCTIONS

P270-010-07 DrSonic

PIN DEFINITIONS

The pins are numbered on the inside of the free plug; the diagram shows the view from the back of the plug, as you would see it prior to inserting your wired contacts.



PERFORMANCE AND RESPONSE:

