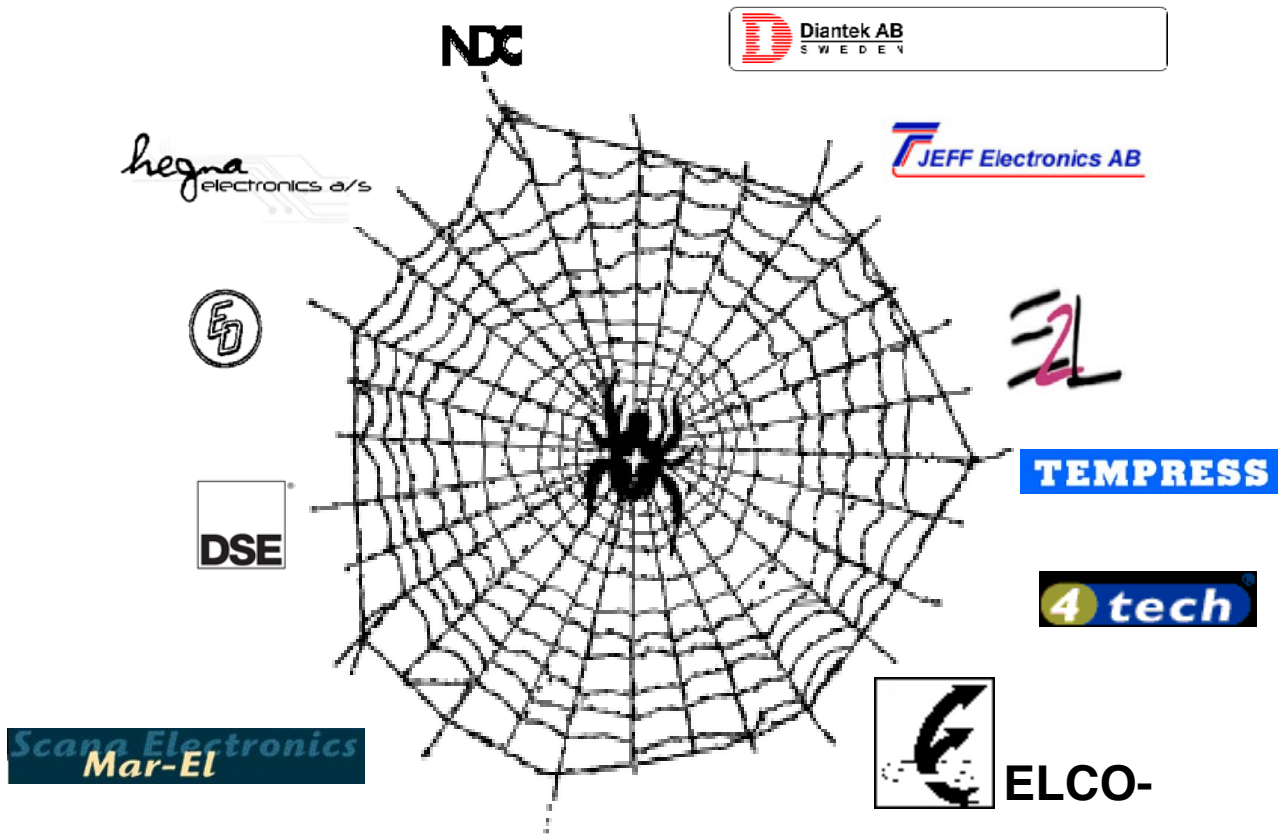


IMSAB COMPONENT GUIDE for industry and shipping



Audible noise detection DrSonic



Dr Sonic – Audible noise detection

manufacture E2L



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
 Size: 18mm x 53mm x 97mm
 Fixing: 2 off M4 set screws or studs
 Body Material: Injection moulded Nylon 66
 Environmental Rating: IP65
 Output: Isolated volt-free N/O contact rated at 48V max AC or DC @ 100mA

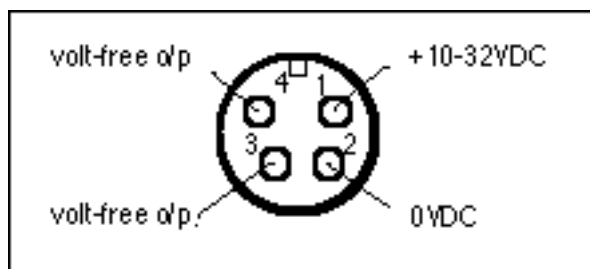
ORDERING INSTRUCTIONS

P270-010-07 DrSonic

- 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.

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:

