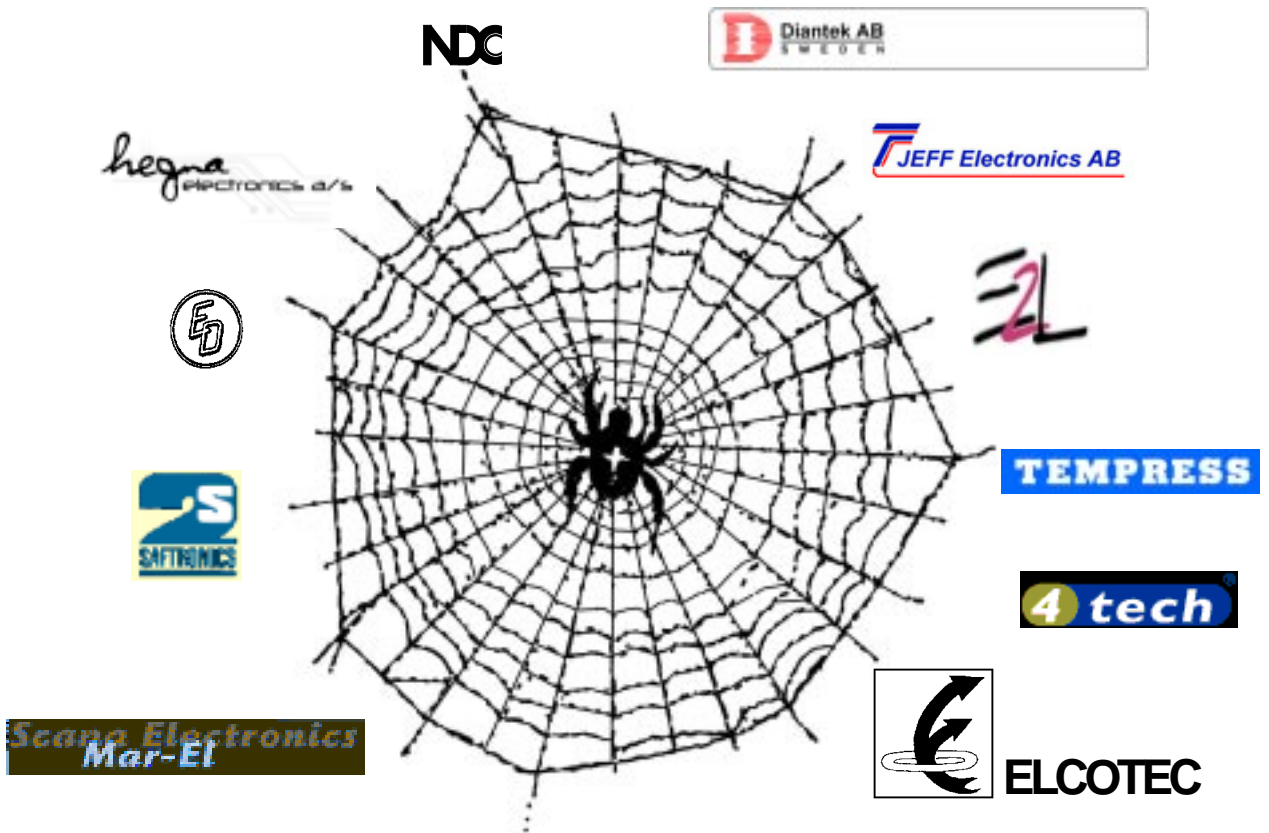


IMSAB COMPONENT GUIDE for industry and shipping



Cyclic Wear Detection DrRumble



Dr Rumble - Cyclic Wear Detection

manufacture E2L



APPLICATIONS:

Use for early detection of wear in bearings or other rotating machinery. Using the high frequency noise characteristics which bearings exhibit, and examining their low frequency components, wear can be detected well in advance of failure or 'running rough'.

The characteristics of classic ovoid wear are found throughout industries such as:
 automotive,
 marine,
 power engineering,
 conveyor systems,
 rolling mills,
 paper and pulp production,
 aerospace,
 mining and quarrying, etc.

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

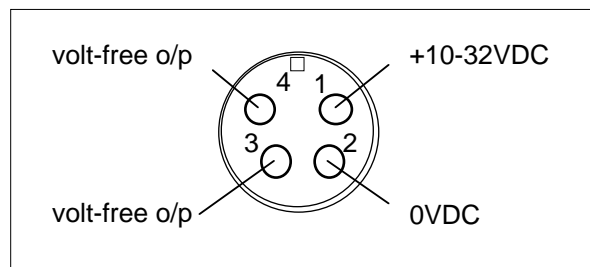
ORDERING INSTRUCTIONS

P270-010-3 DrRumble

- Use for early detection of wear in bearings or other rotating machinery.
- 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:

