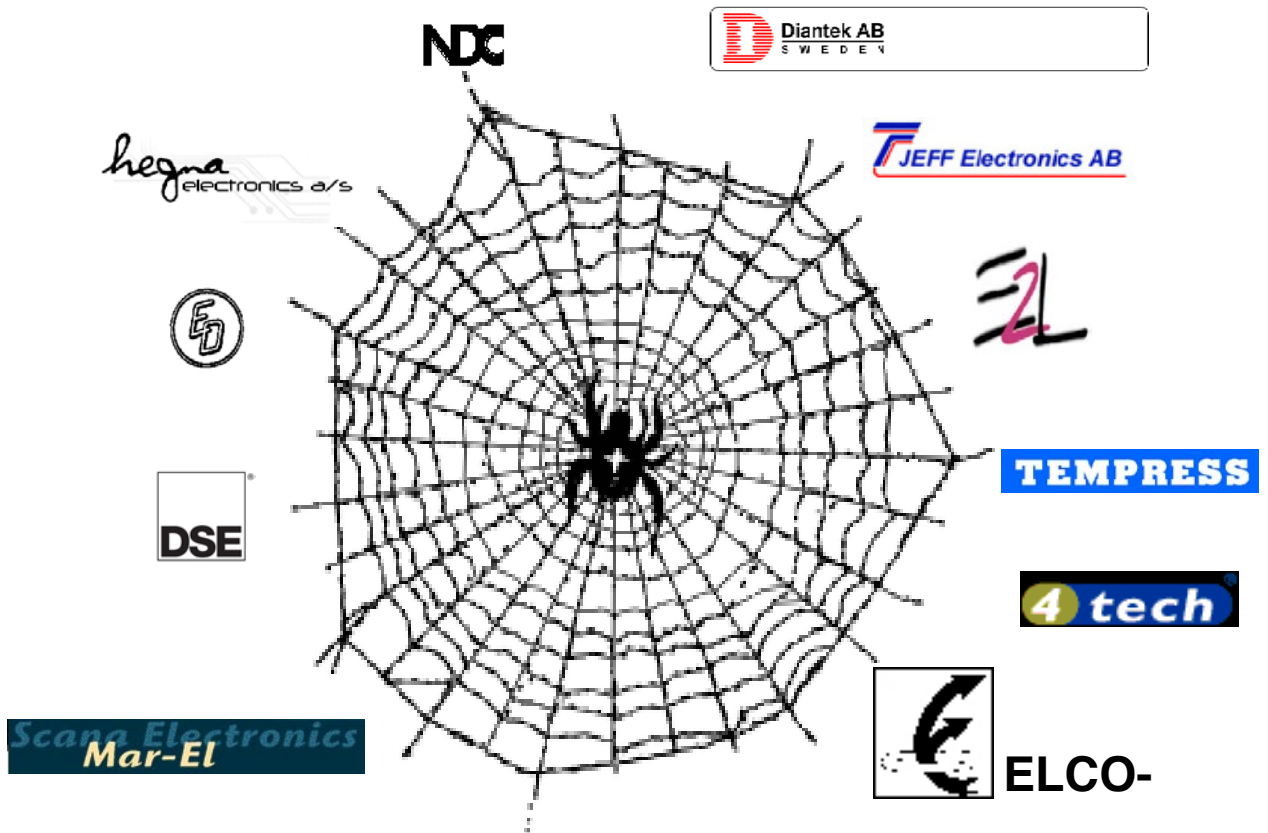


IMSAB COMPONENT GUIDE for industry and shipping



Mechanical Noise Detector DrKnock



Mechanical Noise Detector Dr.Knock

manufacture E2L



APPLICATIONS:

Use to detect impulse noise from mechanical sources such as:

loosening of nuts and bolts,
excessive 'chatter',
water hammer,
cavitation in pumps,
mechanical tapping,
loss of lubrication,
nucleate boiling,
irregular fluid flow,
resonance of rotating machinery,
worn brake shoes and discs,
solenoid valve actuation, etc.

Applies to all industries with mechanical components as part of their process. Also applies to pipework systems where water hammer is a problem.

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

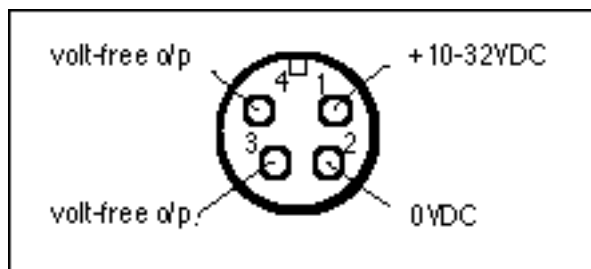
ORDERING INSTRUCTIONS

P270-010-1 DrKnock

- Mechanical noise from machines and plant, cavitations in pumps and pipes.
- Instant indication of changes in operations.
- Impulse noise is caused by a wide range or situations such as mechanical tapping, nucleate boiling, loosening of bolts or mountings, poor fluid flow.

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:

