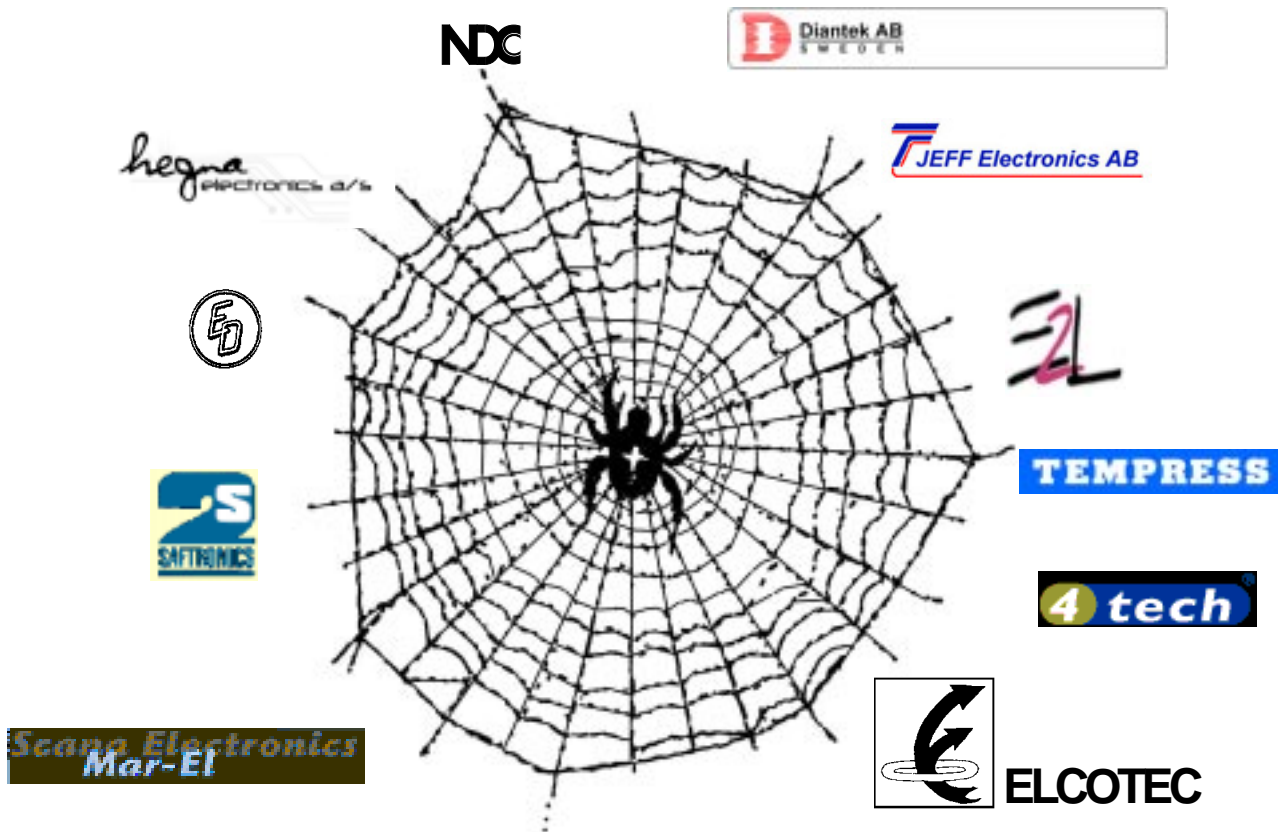


# IMSAB COMPONENT GUIDE for industry and shipping



## Temperature Rise detector Dr Heat



# Dr Heat – Temperature Rise detection

manufacture E2L



## APPLICATIONS:

Temperature rise often indicates loss of system control or impending failure. In the range -25°C to +85°C an increase could indicate loss of refrigerant, poor lubrication in gearboxes and bearings, temperature control systems failure, heat exchanger or heat pump faults, electrical switchgear breakdown, etc.

There are a wide range of uses in all aspects of process industries; any small process plant could benefit from the simple application of these devices. Food industry and cold storage in particular, are provided with a completely independent means of monitoring potential catastrophe.

## 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

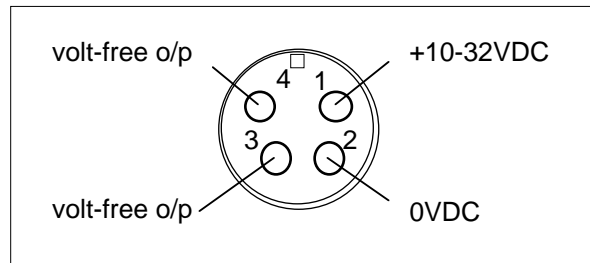
## ORDERING INSTRUCTIONS

P270-010-05 DrHeat

- Indicate temperature rise in the range of -25° to +85°C.
- 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:

