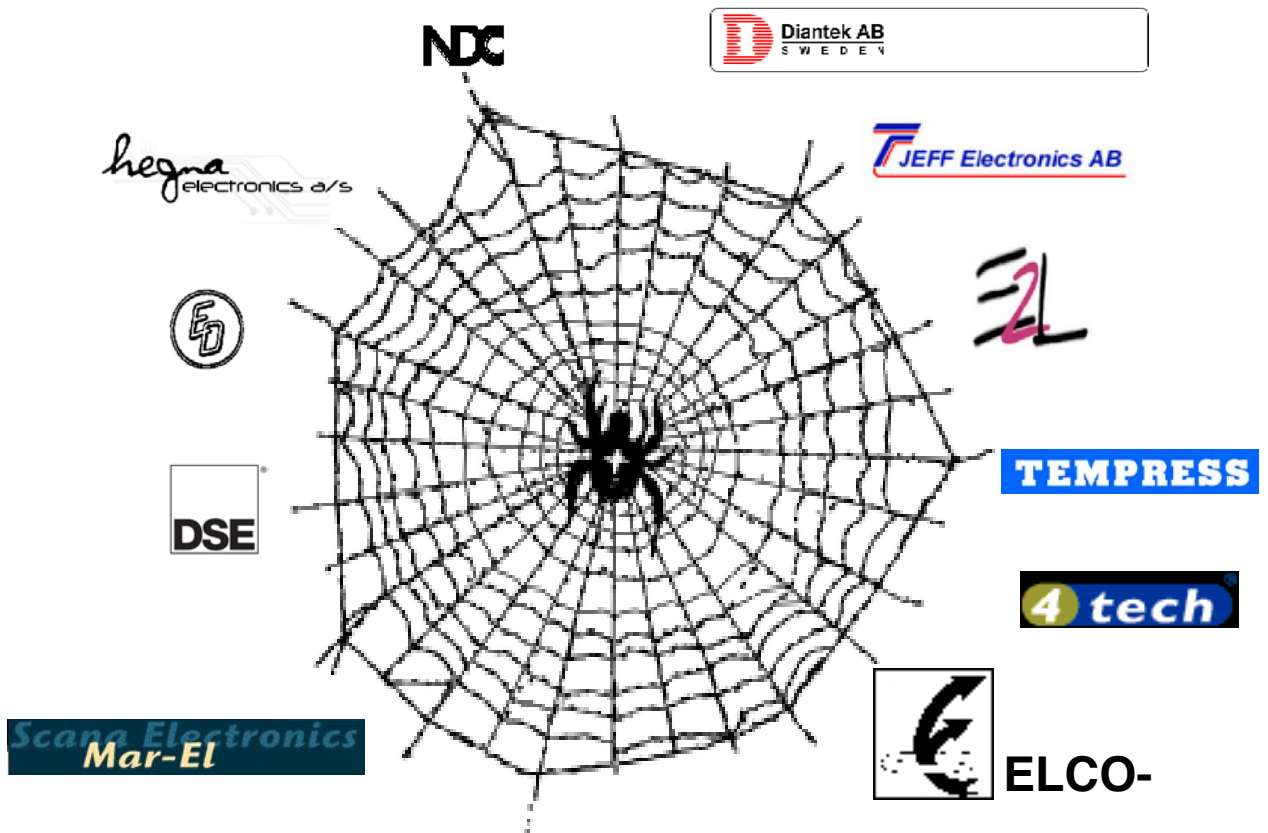


# IMSAB COMPONENT GUIDE for industry and shipping



## Tilt and Acute Angle Detector DrTilt



# Dr Tilt - tilt and acute angle detector

manufacture E2L



### APPLICATIONS:

Tilt detection is important for structures such as bridges, radio masts, temporary buildings on volatile sites (such as open cast mining and land fill). Similarly the inclination of moving objects such as ships, cranes, land moving vehicles, quarrying equipment, etc., all have a critical over-tilt angle. Indication, monitoring and detecting excessive angle is useful to both the site operator and the machine operative. This information is useful for health and safety audits, structural soundness (effect of high winds), and a positive independent warning of catastrophic failure.

### 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

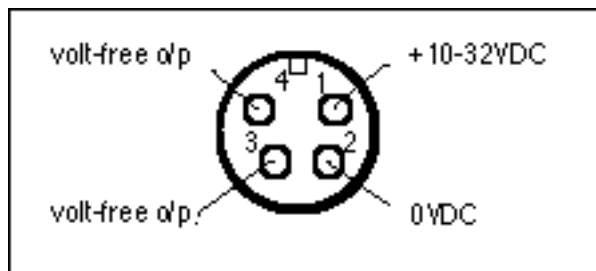
### ORDERING INSTRUCTIONS

P270-010-9 DrTilt

- Similarly the inclination of moving objects.
- Instant indication of changes in operations.
- Standalone, plc or local annunciator interface.
- Tilt detection is important for structures.

### 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:

