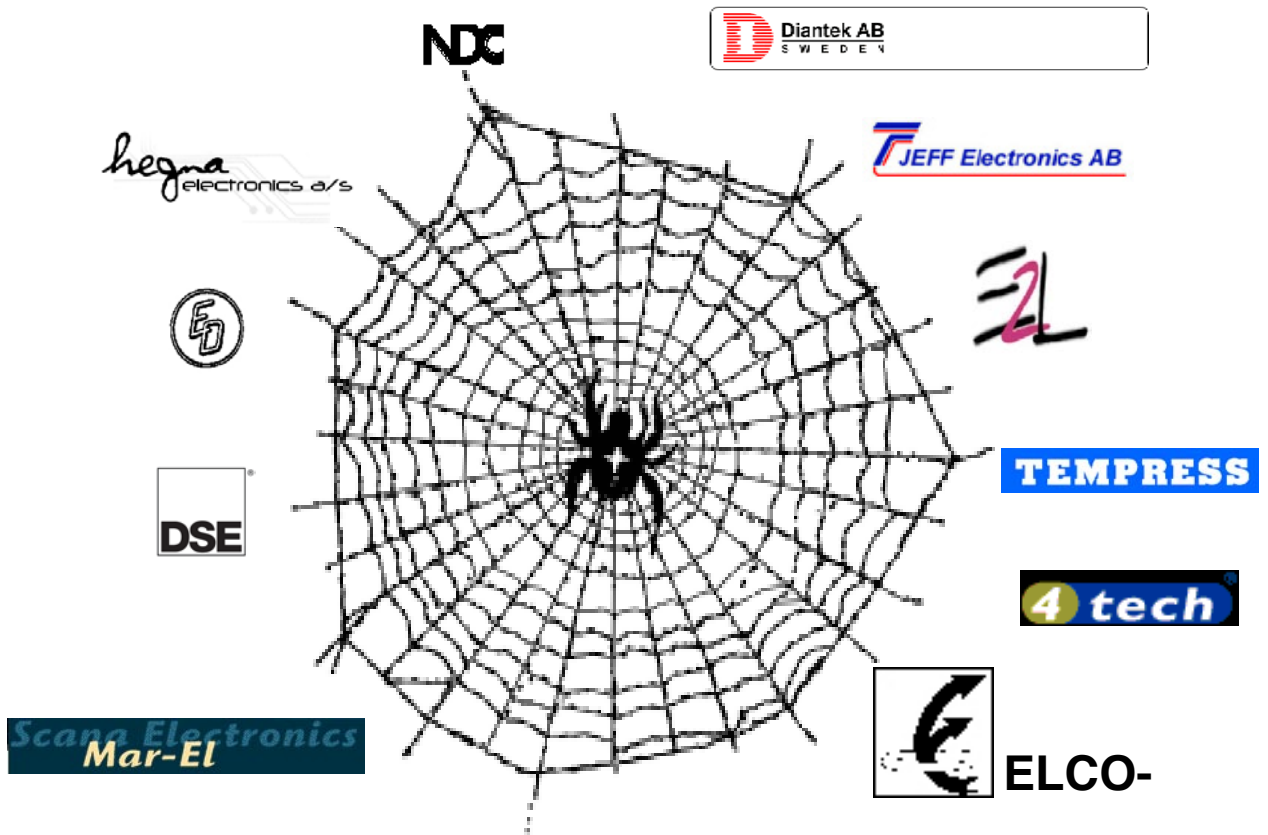


# IMSAB COMPONENT GUIDE for industry and shipping



## Fluid Flow Verifier DrFlow



# Dr Flow - Fluid Flow Verifier

manufacture E2L



## APPLICATIONS:

Detection of liquid flow in pipes is an important independent measurement to verify control gear such as valves and pumps are operating correctly upstream.

These modules are designed to operate in the audio spectrum and therefore detect audible 'trickles' caused by irregularities in the pipe system. The noisier areas of tubing are generally downstream from unions, joints, valves or even bends. Any flow that is turbulent or partially filled also has good monitoring characteristics for this sensing method.

Flows from as little as those found in 12mm piping in domestic hot water supplies can be monitored. Installation of 'Dr Flow' is particularly simple on pipes by using hose clips or ty-wraps.

## 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

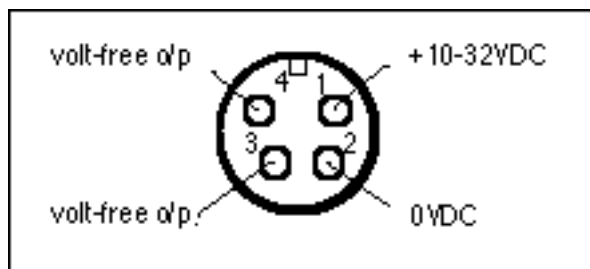
## ORDERING INSTRUCTIONS

P270-011-2 DrFlow

- Detection of liquid flow in pipes or not.
- Instant indication of changes in operations.
- Standalone, plc or local annunciator interface.
- Dr Flow detect 'trickles' caused by irregularities in the pipe system.

## 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:

