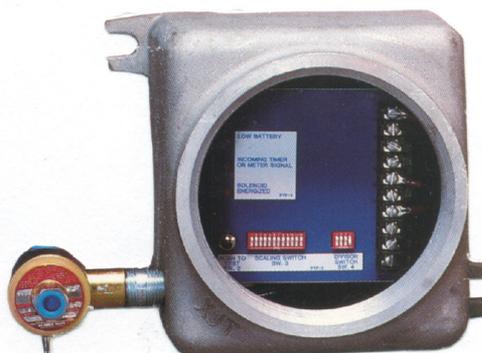




WELKER[®]
Engineering Company

ISO-9001
CERTIFIED
SINCE 1992

Welker 4P Proportional to Flow board



Quality Welker Electronic Timers are designed for applications where low power is required ... other timers usually draw 400-500 mA, Welker models draw 100 mA or less.

Designed for corrosive environments, all welker electronics feature solid-state configuration and conformal coating. This allows them to withstand temperatures to -40L F and practically any ambient conditions. Plus Welker Electronic Timers not only meet ... they often exceed the most stringent industry codes and regulations.

Since programming is not required, Welker Electronic Timers are extremely simple to use.

APPLICATIONS

Light Liquids/hydrocarbons	Crude oil
Chemical injection	Gas
Waste water	Flare stacks

INTRODUCTION TO 4P

The Welker 4P Flow Board accepts multiple inputs and has a time-variable output. The 4P is designed to accept signals from practically any type of signalling device. A scaling switch is provided to adapt your sampling system to your flowing conditions.

FEATURES

Solar powered: 12-volt DC
Customer supplied power: 12-24 VDC
Adjustable time delay
Test button
Explosion-proof box
Explosion-proof solenoid
Remote-mounted electronics
U.L. component approval

Inputs:	1-5 VDC analog 4-20 mA analog Dry contacts - digital
Output:	1-5 VDC/Sq. Wave 650 mA @ DC
Current Loop:	250 ohms
Temperature:	-40 F to 165 F (-40 C to 74 C)

COMPONENTS

Board Solar panel Soleniod
Battery Enclosure

SPECIFICATIONS

Load: 30 mA @ 12 VDC
Line: 12/24 VDC voltage

ACCESSORIES

110/220 VAC to 12-Volt DC
transformer for ACV interface.

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