

## ASM355X Process Signal Converter

- ★ Suitable for combinations of process Inputs & Outputs
- ★ Supply Voltage 24Vdc  $\pm$  2.5V
- ★ Amelec Standard 10 year guarantee

### Technical Specifications

#### Input

Signals are routed into a pi network to develop a 400mV span.

The internal switches enable the following ranges to be field selected:

0-10mA, 0-20mA, 4-20mA

1-5V, 0-10V

#### Output

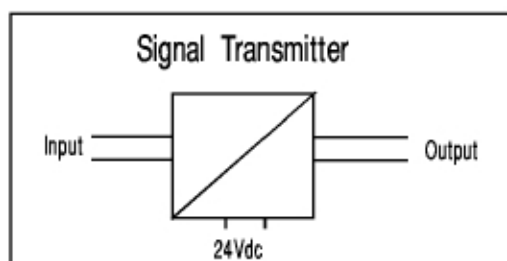
Pulse Output signals may be specified in the range of 0.5Hz - 10KHz. Amplitude up to 10V available.

#### Typical Example

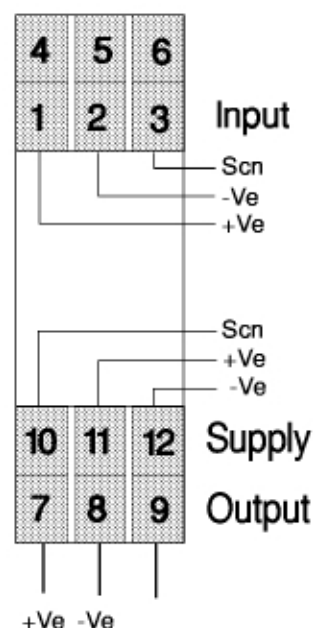
0 - 2.5KHz @ 5V

#### Dimensions

H: 75mm W: 22.5mm D: 110mm



### WIRING



### Field Selection

The on board DIL switches enable the customer to select the standard ranges. Other selections to special order

| ASM355X Switch Selection | Input Full Span | Switch 1 | Offset I/P | Switches SW1 |
|--------------------------|-----------------|----------|------------|--------------|
| SW1                      | 10V             | 5        | ✓          | —            |
| cm                       | 5V              | 6        | X          | —            |
| 1 2 3 4 5 6 7 8          | 10mA            | 3, 7     | X          | 1            |
|                          | 20mA            | 4, 8     | ✓          | 2            |
| Example:                 | 4-20mA          | SW1 4, 8 |            |              |
|                          | 0-10V           | SW1 5, 1 |            |              |