

# SignalTrans®

## IST-P Isolated 3 wire potentiometer transmitter

### Features

- Up to 15 User defined linearization points available. The user linearization feature allows the volume of a tank's contents to be calculated from the height of the material in that container. Up to 15 linearization points can be defined by user in the measurement range.
- Configurable without Power Connected.
- 3750 Vrms isolation between input and output.
- 2-wire loop-power technology, 4 to 20 mA analogue output.
- Fault signal on sensor break presettable.
- Accept 200 ~ 60K ohms 3 wire Potentiometer input.
- Head mount.

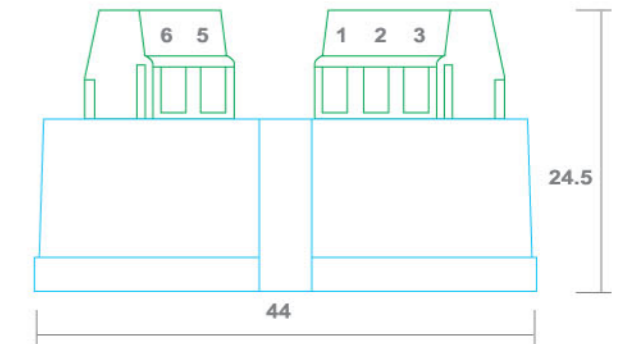
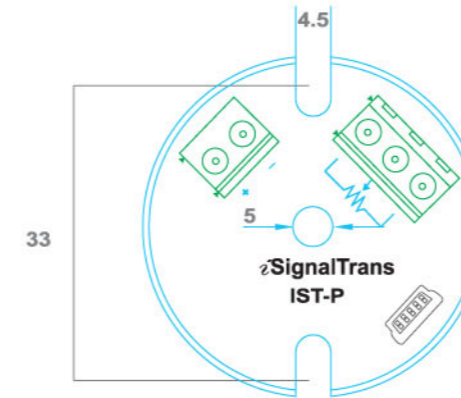


### Configuration

The **SignalTrans**® IST-P is user configurable using our **Signalwin**® software on your PC/notebook or our dedicated handheld programmer. The easy to use **Signalwin**® software is available free from your supplier or can be downloaded from our web site and should be used in conjunction with the URC-1020 USB cable which incorporates an interface converter necessary for communications. The IST-P transmitter can be configured without any loop or power connected making it easy to configure in the

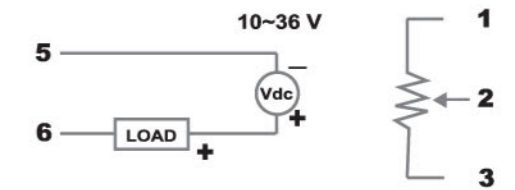
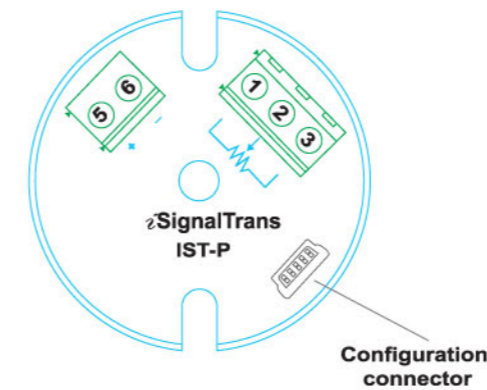
	Specification
Input	Potentiometer 200Ω~60K Ω
Accuracy	± 0.1% F.S.
A/D Resolution	16 bits
Input Sampling Rate	<200ms
Power Supply	DC10~36V
Max. Load	Max Load = ( V-10 ) /0.02 ( Ω )
Output Resolution	0.6 μ A(15 bits)
Output Respond Time	<200ms
Common Mode Rejection Ratio(CMRR)	> 80 dB
Electromagnetic compatibility	En 50081-2, En 50082-2
Galvanic isolation	3.75 KV . between input and output
Operating Temperature	-10°C ~ 50°C
Humidity	0 to 90% RH

### Dimension



( Unit : mm )

### Electrical Connection



### Ordering Information

#### IST-P

User Defined Linearization Points	Code
2 points	2
5 points	5
15 points	15