



INSTRUMENTATION
PRODUCT SUMMARY

Status Instruments Ltd was founded in 1982 and has been designing and manufacturing products for the global process industry here in the UK over the last 3 decades.

We have built an enviable reputation for providing excellent customer service together with high quality, reliable products.



TEMPERATURE SENSORS

- Manufactured to your specification
- Pt100 or thermocouple
- 316 Stainless steel or special metals available
- Explosion Proof Approval
- Pressure Test
- Material traceability

IN HEAD TEMPERATURE TRANSMITTERS

- For Pt100, Thermocouple, thermistor, resistance, potentiometer and mV sensors
- Hazardous area versions – ATEX, IECEx, FM
 - HART protocol



INTELLIGENT SIGNAL CONDITIONING

- Signal or dual channel
- Temperature or Process signals
- Maths functions between channels
- Signal Profiling
- User linearisation
- 3.75 Kv isolation
- Universal Power supply



SIGNAL CONDITIONING MODULES

- Suitable for
- Temperature sensors
 - Process signals
 - Load cells
 - Frequency / Pulse signals for flow / count applications
 - Temperature Alarms
 - Process alarms



LOOP ISOLATORS, CONVERTORS AND SPLITTERS

- Ground loop Isolator
- Voltage to current loop conversion
- Loop Booster – allows more to be added to the existing loop
- Loop splitter – send the current loop to two different applications.



THERMOWELLS

- Manufactured to your specification
- General purpose versions fabricated or solid drilled
- Flanged versions – fabricated or solid drilled
- FEP Coating for aggressive processes
- Wake Frequency calculations
- Pressure Tests internal and external
- Material traceability





PANEL METERS

- Suitable for current, voltage, Pt100, thermocouple sensors
- Frequency, Pulse versions available for flow / count applications
- 4,5 or 6 digit versions
- Retransmission outputs mA or voltage
- Up to 4 relay outputs available
- RS485 Comms



BATTERY POWERED INDICATORS

- Suitable for Pt100 or Thermocouple Sensors
- 4 Digit LCD display
- Min 1 year battery life
- ATEX version
- Sensor or wall mount



HUMIDITY TRANSMITTERS

- Measures humidity, temperature, dewpoint or delta t
- Dual channel 4/20mA output for any two of the above
- Programmable using USB powered configurator
- Display option
- Plug in digital sensor
- Low cost version available



LOOP POWERED INDICATORS

- Powered from the loop
- 4 digit LED display of process value
- ATEX version
- Panel, sensor or wall mount versions



WIRELESS TEMPERATURE MEASUREMENT

- Accepts Signals From RTD, Thermocouple, Slidewire and mV Sensors
- 300m Line Of Sight Range
- 868.4MHz ISM Band for European Use
- Battery Powered
- Receives Signals From up to 16 WTX700 Transmitters
- 300m Line Of Sight Range
- ISM Band 868.4MHz For European Use
- Programmable Current or Voltage and 2 relay outputs
- RS485 Modbus Communication
- LCD Display
- Low Transmitter Battery Alarm
- Push Button or PC Programmable
- Surface or Sensor Mounting Options



PRESSURE TRANSMITTERS

- Measuring range (0.1 to 1000) Bar
- Current loop or voltage output
- Submersible version for level applications
- Version for aggressive chemicals
- Wide range of process connections

SERVICE & TECHNICAL HELPLINE...

Here at Status Instruments we know the value of technical support for our customers. This is why we have dedicated engineers on hand to assist you with your applications.

Phone us or email us whenever you need support!

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