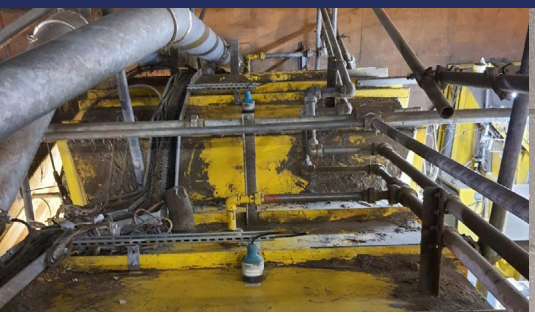
PROCESS INSTRUMENT SOLUTIONS

PRISM SOLUTION



PRECISE PROCESSES WITH PRISM

Based on a tank farm application

The ConsoliDator+ is a multi-channel controller that is both easy to use and satisfies a wide variety of process display, alarm and control applications. It accepts 4-20 mA inputs, flow meter pulse inputs, digital inputs, and Modbus RTU inputs and displays them both in numeric and bargraph format on a large, 5.7″ color display. It can be equipped with multiple relays with user-definable actions, 4-20 mA outputs, digital outputs, Modbus RTU, and Ethernet Modbus TCP/IP protocol communication capabilities. Additionally, the controller is equipped with up to 32 timers that can be used to control many processes or events.

All this functionality is easily programmed using free software or via the front panel pushbuttons. Choose the model that best suits your application, from monitoring only to fully loaded controllers with an extensive combination of inputs, outputs and communication protocols. The standard product offering is listed in the ordering guide and other models are available for special order.

Coupling the ConsoliDator+ typically with the Siemens SITRANS LR100. For tank farm applications of liquid, granules, grains, powders & pellets we would recommend using our 2 loop powered radar transmitter for continuous level measurement of liquids and slurries to a range of 8m (26ft).

LR100 SPECIFICATION

- Bluetooth connectivity for easy setup with SITRANS mobile IQ
- Chemically resistant PVDF enclosure
- W band FMCW radar yields narrow beam with small antenna for superior performance in short range applications
- Approved for open air applications outside of a tank
- Compact design fits in limited space installations
- Compatible with fumes or dust
- ATEX version available

CONSOLIDATOR+ SPECIFICATION

- Up to 28 4-20 mA Isolated Inputs or pulse inputs
- Up to 25 10 Amp form C Relays
- Up to 25 Isolated 4-20 mA Outputs
- Available for flow, pressure, temperature, speed & level applications in all industries
- Also, volumetric (including round horizontal tank calculation)
- Many other functions including MODBUS RTU
- 12 analogue inputs, outputs & alarms

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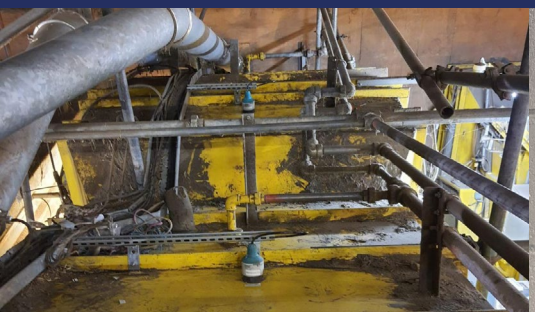

THE PRISM PACKAGE – BASED ON A TANK FARM APPLICATION £6995.00

- ✔ 1x 8 channel Precision Digital PD9000 ConsoliDator+ with 10 4 to 20mA outputs & 10 relay outputs

WHAT'S INCLUDED

- ✔ 1x PDA1909 Hinged Painted Steel enclosure
- ✔ 1 x Precision Digital ConsoliDator+ Programming Software
- ✔ 1x Siemens SITRANS SAM IQ Software
- ✔ 8x Siemens SITRANS LR100 no-contact
- ✔ 8x Lock nuts for LR100
- ✔ 8x IP65 junction boxes

WATCH OUR VIDEO - PRECISION DIGITAL PD9000 CONSOLIDATOR+

CLICK HERE TO WATCH

EXTRAS

We can also offer full site installation and commissioning. The package is representative only as more or less inputs can be specified along with temperature, pressure, level, analytical, position or vibration sensors.

Contact us for additional information and to arrange site visits.

For the total PRISM approach to processing contact us today on **01449 674 986** or visit **www.pisales.co.uk**