

Data Sheet 514

Unitest®protector Readout unit



The Unitest®Protector Readout unit is the correct and unique solution for the small and medium size storage facility. When installed in the control room, the operator achieves direct and easy access to temperature information from the storage facility.

The Unitest®Protector Readout unit is to be installed along with a power supply in the control room. In order to work, the Readout unit is interconnected to an address board system, which again is connected to the measuring cables. The system is easy to operate and maintain.

Standard Features

Display of temperatures

The actual temperature in the silo is displayed in illuminated LCD display.

Alarms and set point.

It is possible to set up a temperature value as an alarm value (set point). If a temperature exceeds the alarm set point the alarm will turn red (LCD).

Setting up the Readout unit

The protector unit can be set-up (programmed) by operator / electrician.

Optional features

Separate storage plant view.

A lay-out of the site - indicating the number of cables and sensors in each bin.

Setting up the Readout unit

It is possible that set up (programming) of the Protector Readout unit is done by Cimbria – This will require that we have all needed information. Such as:

- No. of cables
- No. of sensors
- No of bins.
- Lay out of the silo plant

TECHNICAL SPECIFICATIONS

Capacities & Working range

Max no. of cables	:	40 pcs
Max no. of sensors	:	320 pcs
Max no. of sensors per cable	:	8 pcs
Max no. of address boards	:	5 pcs
Max no. of bus lines	:	1 pc
Temperature range	:	-8° - +50° Celsius
Accuracy	:	+/- 1° Celsius
Max no. of Alarm set point	:	1

Electrical specification

Power supply	:	240 VAC
Connection cable "Extension"	:	100 m
Connection cable "BUS "	:	500 m

Cabinet

Weight	:	0.6 kg
Dimensions	:	L:200W:114H:40 (mm)
Degree of tightness	:	IP
Type of display	:	Alfa numeric Display
Max no. of characters/ digits	:	2x16
Bracket for wall mounting	:	Yes

Compatible equipment

Measuring Cables

- Heavy-duty cables. Data sheet 507 / 507.1

Address boards

- Address board – Protector Data sheet no. 513.1

Radio Link (Wireless)

On sites with long distances between the control room and the silos or where it is difficult to lay a bus cable, it is possible to connect a wireless radio link module.

Upgrade possibilities

The Protector Readout unit may at all time be upgraded to a PC based solution with the features described in Data sheet 503.

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