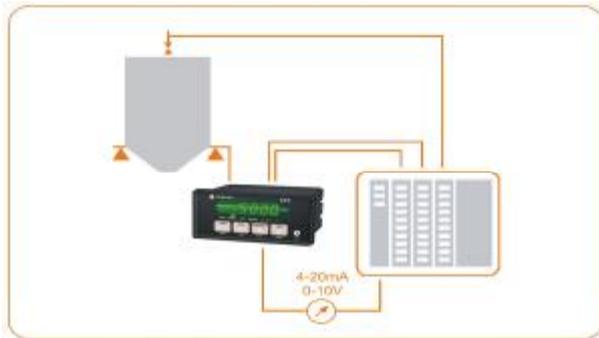


## 5000 – Data Sheet



- 100,000d @ 0.25  $\mu\text{V/d}$
- 8 x 350 $\Omega$  load cells
- Built in RS232 and RS485
- Built in AC and DC versions
- 4 set points (option)
- Analogue module with isolated outputs (option)
- Profibus DP (option) and Modbus ASCII
- High contrast LED display
- Totalising, Hold and Peak Hold

With 50,000 units sold globally the 5000 series of indicators represents mature proven technology. With an extensive range of interfaces and mounting options, installations can be readily customized, which represents savings for the user. Support for Modbus ASCII and Profibus DP allows for easy system integration.

**DIN standard housing** - Allows for the unit to be readily mounted into standard DIN cutouts, reducing modifications to the units they are being installed into.

**Analogue Output** - 4-20mA or 0-10V with 1/65,000 resolution

**High current outputs** - Reduces wiring and the need for external relays, saving installation cost and reducing overall system size.

**Isolated outputs** - Eliminates the possibility of the external control systems influencing the weighing process, therefore simplifying system design and installation.

**Robust I/O** - Reduces unplanned outages due to component failure and reduced life time costs for the installation.

**Wide DC operating range** - Eliminates the need for third party power supplies saving on system complexity and cost.

**Customised printing** - Easier setup and reduces the need for additional external programming.

**PC configuration software (View5000)** - to transfer and backup configuration for faster, easier indicator setup.

### DIN Rail Mount Relay Output Module

- four (4) voltage free relay outputs that are independent and isolated;
- rated to 250VAC and 8A
- normally open (N/O) and normally closed (N/C) contacts
- 12 or 24VDC versions
- Easy fault finding with LED indication;

### Profibus DP Support

The 5000 can be connected onto a Profibus-DP network with the Rinstrum 1400 Profibus-DP module. The 1400 translates the data from the indicators into the Profibus format. This allows the Profibus master to effectively extract status and weight data for example from the indicators and send commands to the indicators.



*..now that's smart weighing.*