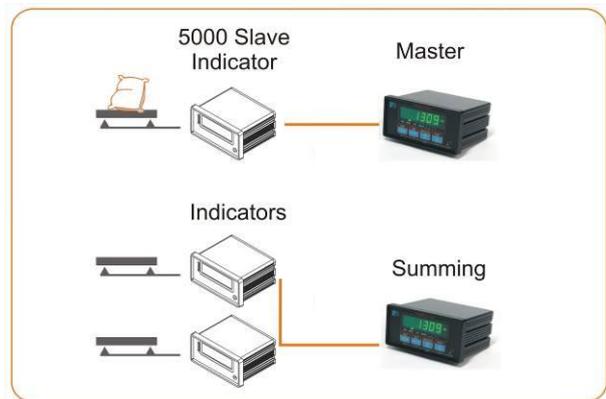


## 6700 – Data Sheet



- Serial summing with 5000 indicators
- Master/slave mode to 5000 indicators
- Unit addressing up to 31 addresses
- Programmable input string
- High contrast LED display
- Built in RS232 and RS485
- Built in AC and DC versions
- 4 set points (option)
- Analogue module with isolated outputs (option)
- Technical schedule S1/0/A

The 6700 may be configured to operate as a:

- remote display
- Master of a 5000 or
- Summer of several 5000s.

The 6700 operates like a 5000 indicator except that the weight information does not come from the load cell interface but from serially transmitted readings.

**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

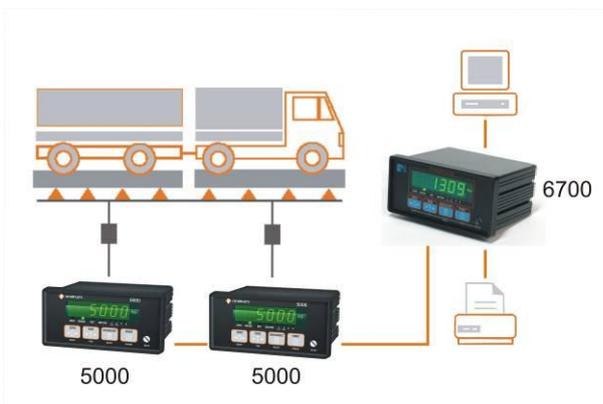
**High current outputs** - Reduces wiring and the need for external relays, saving installation cost and reducing overall system size.

**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.

### Smart Weighing



#### Summing Master Mode

The 6700 acts as a master controller for a number of slave 5000 units connected together on a multi-drop serial RS422/RS485 bus.

- The 6700 polls each of the slave units and sums all of the weight readings.
- The resulting total weight is displayed on the 6700.

The set pointing and printing facilities and accessory cards are all driven from the total weight so the 6700 behaves like an indicator reading the total weight directly from the load cell base.

*..now that's smart weighing.*

## 6700 Specification Table

		6700
<b>Display</b>		6 digit green LEDs, 14.5mm (0.6") high
<b>Operating Environment</b>		Temperature -10 to +50°C (14 °F to 122 °F), humidity < 90% non condensing
<b>Setup and calibration</b>		Full digital with visual prompting in plain messages
<b>Memory retention</b>		Full non volatile operation
<b>Serial outputs</b>		Dual RS232, plus RS422/RS485
<b>Capabilities</b>		Automatic transmit, network, or printer drive
<b>Clock</b>		Battery backed clock & calendar fitted
<b>Panel cutout</b>		DIN 43 700 - 137(+1)mm wide x 68(+1)mm high
<b>Power</b>	<b>DC</b>	12/24VDC 10VA
	<b>AC</b>	86 - 260VAC 48 - 62 Hz 8VA
<b>Accessory Cards</b>		
<b>Combo option card</b>		-10 to10 V or 4-20mA opto isolated analogue output, two outputs and one input as per the Set point option card.
<b>Set point option card</b>		4 x isolated 50V, 500mA open collector transistor drives and 4 x isolated digital inputs (5V to 28V).
<b>No. of option slots</b>		One
<b>Features</b>		
		C-Tick approved
		Set point operation (requires set point accessory card)
		Unit addressing up to 31 addresses

Specifications are subject to variation for improvement without notice. Illustrations are indications only and variation may be evident between products

