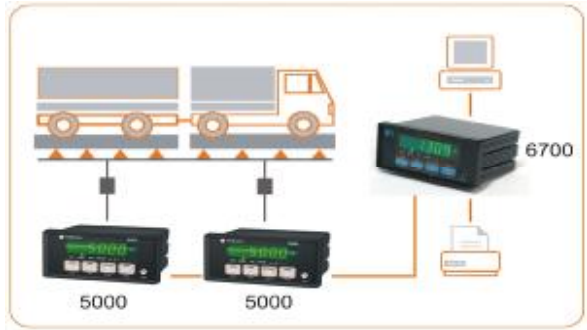
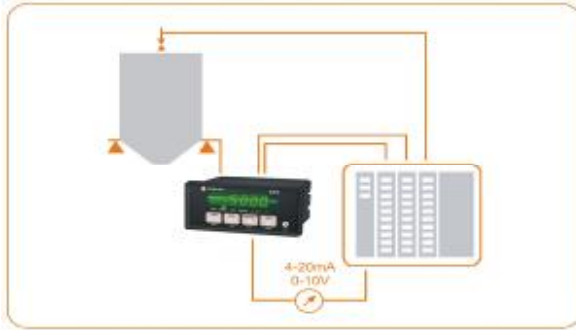


Rinstrum R5000



- 100,000d @ 0.25 μ V/d
- 8 x 350 Ω 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;

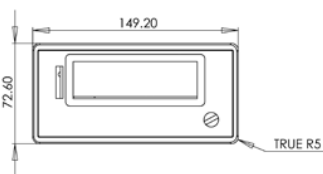
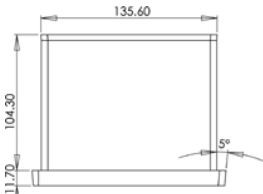
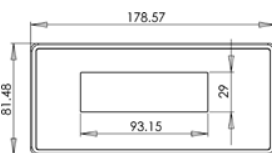


Profibus DP Support

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.

Performance		5000	5100	5200	5230
Resolution		Up to 100,000d, minimum of 0.15 µV/division			
Approvals		C-tick, Trade Approval Australia NMI(S-363) 6,000d @ 0.5uV/d	C-tick, Trade Approval Australia NMI(S-363) 6,000d @ 1.5uV/d	CE, C-tick, Trade Approval Australia NMI(S-418) 6,000d @ 0.5uV/d Trade Approval Europe OIML 6,000d @ 0.5uV/d	
Zero Cancellation		+ / - 2.0mV/V			
Span Adjustment		0.1mV/V to 3.0mV/V full scale			
Excitation		8V for up to 8 x 350 ohm load cells (4-wire or 6-wire plus shield)		8V for up to 12 x 350 ohm load cells (4-wire or 6-wire plus shield)	
A/D Type		24 bit Sigma Delta with 8,388,608 internal counts			
Operating Environment		Temperature -10 to +50°C, Humidity < 90% non condensing			
Display		Green LEDs with 14.5mm high 6 digit primary display	Backlit LCD with 20mm high 6 digit primary display		
Setup and Calibration		Full digital with visual prompting in plain messages			
Digital Filter		Averaging from 1 to 200 consecutive readings			
Zero Range		Adjustable from 4% to 100% of full capacity			
Power Supply Options	DC	12/24VDC 10VA			
	AC	110-240VAC 50/60Hz 10VA			
Correction		5 point linearity correction			
Serial Outputs		Serial 1: RS232/RS485 Serial 2: RS232			
Assignable Function Key		-	1		
Operating Modes		Single Range, Dual Range and Dual Interval			
Clock		Battery Backed Clock Calendar			
Accessory Cards					
Setpoint Accessory Card		4 x isolated 50V, 500mA open collector transistor drives and 4 x isolated digital inputs (5V to 28V)			
Combo Accessory Card		0 to10 V or 4-20mA opto isolated analogue output, two outputs and one input.			
No. of Option Slots		1	1 or 2 (Dual 12 - 24 VDC version)	1	
Protocols		Modbus ASCII			
Functions		2 Material Batching Totalising, Hold and Peak Hold	20 Material Batching 99 Recipes User defined material and recipe names Report and usage logs	Totalising, Counting, Grading 99 Products Catchweighing/check- weighing Configurable printing	Single and Split weigh- ing 200 Memory allocations On-scale product filling
Setpoints		4	20	4	4
Packing Weights		1.1kg	1.3kg	1.2kg	1.2kg
Optional Mounting		Stainless steel desk and wall mounts, IP65 Stainless steel housing with desk mount			

Weight Indicator		Dimensions in mm (1 inch = 25.4 mm)		Mounting Options	
5000 Front View		5000 Side View		5200 Front View	
					
				5200 Side View	
				