

June 2009

Smart Weighing – 1203 a Weight Transmitter with a Difference

Optimised for vessel weighing with features to enable accurate calibration without the need to empty the vessels or attach test weights.



Stock Code: 1203



Stock Code: 1203-B

Check out what is comes **standard** in the 1203 Weight Transmitter:

Rugged watertight housing	Built-in IP65 (NEMA 4) rating on the Aluminium housing. No need for mounting brackets or double housing for outdoor installations.
2 Isolated Outputs	Built-in outputs can drive alarms or can be used for simple level control applications. Drive capability is 300mA at up to 30VDC which allows for direct control of most DC powered actuators and relays
1 Isolated Input	Built-in input for remote zero, clear of peak value, or to enable PLCs to control serial transmission frequency
Configurable Analogue Output	Built-in 16-bit isolated analogue output for connection into PLCs Fully scalable across -10-10V and 0-24mA 4-20mA, 0-24mA, 0-20mA, -10-10V, 0-10V, 2-10V, 0-5V, 1-5V
PC Viewer software	Built-in RS232 DB9 serial connection allows easy setup using the free Viewer software on a PC – allows for configuration to be saved and loaded onto other units.
RS232 and RS485 Serial Outputs	Built-in serial communications for connection to PLC controllers, PCs or score boards Both are full duplex with RS485 supporting multi-drop networks of up to 30 units
100,000d @ 0.25µV/d	High accuracy 24 bit sigma delta A/D brings top of the range weighing performance to process control applications
100Hz updates	For smooth analogue performance
Flexible Calibration	Zero and Span calibration is completely independent. Built-in mV/V display mode allows for high accuracy direct mV/V calibrations. Calibration is possible with partially filled vessels without the need to empty the vessel or use test weights – see the Application Note for more details
Removable display or fixed display versions	Allows for field configuration and calibration through menus and for local display in weight, mV/V, current or voltage units
Peak hold capability	Can be linked to a set point output, serial communications, display or analogue output

[1203 Product Information](#)

...the 1203 combination of features now that's smart weighing



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