



FLOW MONITOR

Technical Specifications:

Flow Monitor is designed for use with Pulsar’s Flow Pulse sensor in fixed or permanent installations. The Flow Monitor is powered using either an AC or DC power supply which then provides the Flow Pulse sensor with power and offers an interface via a 4-core cable. Flow Monitor expands the capability of the Flow Pulse flow sensor by providing two relays that can be programmed as alarm (relay 1) or control (relay 2) for flow or velocity, or alternatively programmed as a totalizer.



PHYSICAL

Controller Body Dimensions:	130 mm x 150 mm x 63.5 mm (5.1 in x 5.9 in x 2.5 in) Wall mount only.
Weight:	Nominal 0.65 kg (1.43 lb)
Enclosure Material/Description:	ABS base with polycarbonate lid, flammability rating UL 94 HB
Cable Entry Detail:	Underside fitted with 3 x M20, nylon cable glands suitable for 6 mm to 12 mm (0.2 in to 0.5 in) cable
Transducer Cable Extensions:	5-core screened
Maximum Separation:	500 m (1,640 ft)

ENVIRONMENTAL

IP Rating:	IP66/67
Max. & Min. Temperature (Electronics):	-20 °C to +50 °C (-4 °F to +122 °F)
CE Approval:	Listed in the Certificate of Conformity within the manual.

OUTPUTS

Analog Output:	Isolated active output (passive output optional) of 4-20mA or 0-20mA into 1 kΩ (user programmable and adjustable) 0.1% resolution
Volt-free Contacts, Number, & Rating:	2 form “C” (SPDT) rated at 2 A at 240 V AC
Display:	2 x 12 alpha numeric
Serial Port:	RS232 for programming and data extraction

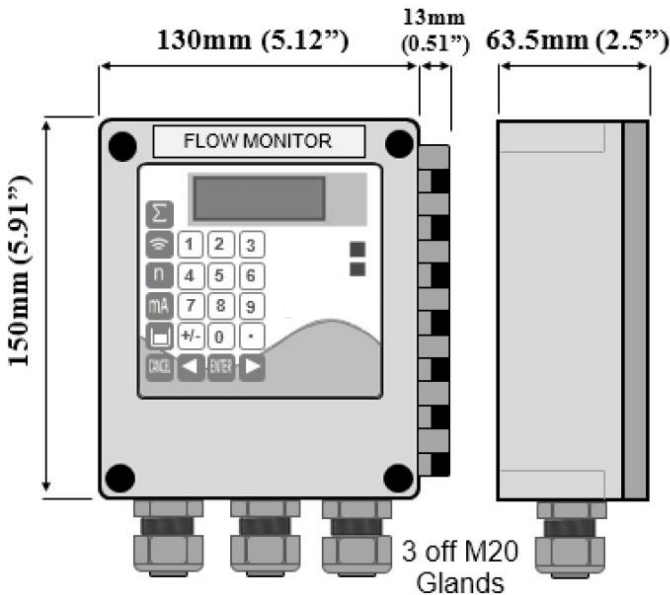
PROGRAMMING

On-board Programming:	By integral keypad
PC Programming:	Via RS232
Programming Security:	Via passcode (user selectable and adjustable)
Programmed Data Integrity:	Via non-volatile RAM
PC Software:	UltraLog



SUPPLY

Operating Voltage:	85-264 V AC 50-60 Hz, 22-28 V DC
Power Consumption:	10 W maximum power (typically 8 W)
Fuses, Mains:	2A 'T' 20 mm (0.8 in)
DC Fuse:	Self resetting type



Flow Monitor Front and Side Drawing

Delivering the Measure of Possibility

Pulsar Measurement offers worldwide professional support for all of our products, and our network of global partners all offer full support and training. Our facilities in Malvern, UK and Largo, USA are home to technical support teams who are always available to answer your call or attend your site when required. Our global presence, with direct offices in the UK, USA, Canada, and Malaysia, allows us to create close relationships with our customers and provide service, support, training, and information throughout the lifetime of your product.

For more information, please visit our website:

www.pulsarmeasurement.com



INFO@PULSARMEASUREMENT.COM

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Registered Address: 1 Chamberlain Square CS, Birmingham B3 3AX
Registered No.: 3345604 England & Wales

United States
+1 888-473-9546

Asia
+60 102 591 332

Canada
+1 855-300-9151

Oceania
+61 428 692 274

United Kingdom
+44 (0) 1684 891371

pulsarmeasurement.com