Flow Monitor

Dedicated wall mount controller for the Flow Pulse flow sensor

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 totaliser.

For more information and a technical specification for the Flow Pulse sensor, please visit our website.

Technical Specification Flow Monitor:

PHYSICAL:	
Dimensions:	130 x 150 x 63.5mm (5.12 x 5.9 x 2.5in) Wall mount only.
Weight:	Nominal 0.65kg (1.43lbs)
Enclosure material/description:	ABS base with polycarbonate lid, flammability rating UL94HB
Cable entry detail:	Underside fitted with 3 x M20, nylon cable glands suitable for 6-12mm cable
Transducer cable extensions:	5-core screened
Maximum separation:	500m (1640ft)
ENVIRONMENTAL:	
Enclosure protection:	IP66/67
Max. and min. temperature (electronics):	-20°C to +50°C (-4°F to +122°F)
APPROVALS:	
CE approvals:	Listed in the Certificate of Conformity within the manual.
OUTPUTS:	
Analogue outputs:	Isolated active output (passive output optional) of 4-20mA or 0-20mA into 1kΩ (user programmable and adjustable) 0.1% resolution
Volt-free contacts, number & rating:	2 form "C" (SPDT) rated at 2A at 240V 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:	85-264V ac 50-60Hz, 22-28Vdc.
Power consumption:	10W maximum power (typically 8W)
Main fuse:	2A 'T' 20mm
DC fuse:	Self resetting type

Literature No. FM-D-0617

Pulsar Process Measurement Ltd.
Malvern, UK
Tel: +44 (0) 1684 891371
Email: info@pulsar-pm.com

Pulsar Process Measurement Inc.
Florida, USA
Tel: +1 850 279 4882
Email: info.usa@pulsar-pm.com

www.pulsar-pm.com