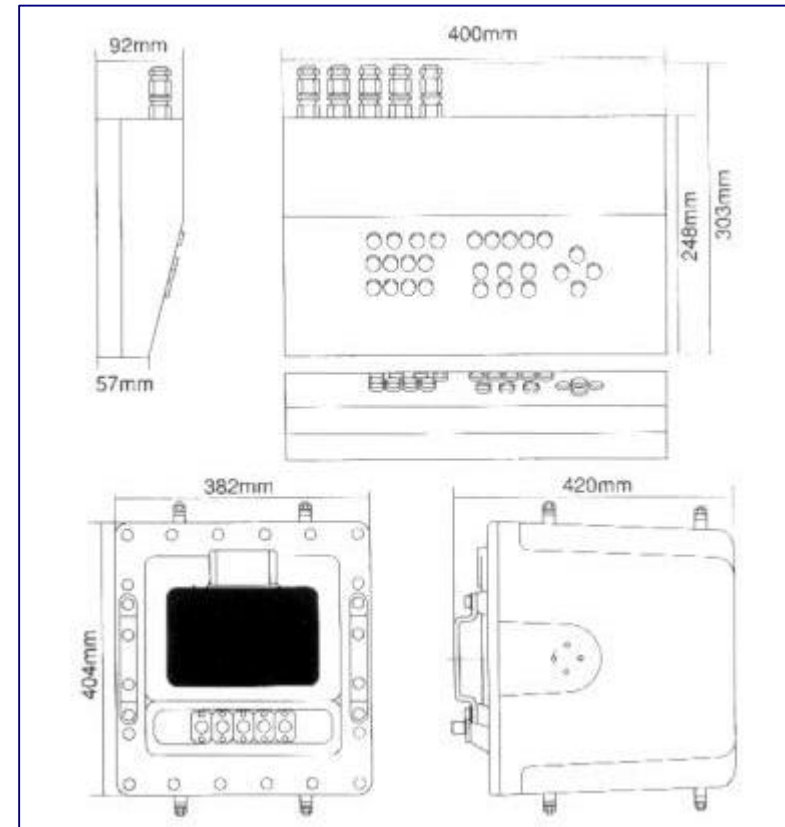


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## FLAMEPROOF PRODUCTS - FVM100, FVM200 & FVMKEY



**Shawley's** continually growing range of flameproof products now includes two-video monitor housings and keyboard controller. Approved for use in high-risk areas where flammable environments may be preset - such as oil, gas or petrochemical industries. The units are designed to prevent explosion by containing ignition sources within the equipment housing.

All products comply with certification parameters BS5501 - part 1 (EN50 014) and BS5501 - Part 5 (EN50 018) code - EEx d IIB T6 where:

- EEx: identifies the apparatus as explosion protected  
 d: refers to the protection concept (flameproof)  
 IIB: identifies the relevant gas group (typically ethene, diethyl ether, cyclopropane)  
 T6: indicates the relevant temperature classification (T6 based on an ambient temperature up to 40°C. Maximum surface temperature does not exceed 85°C).

FEATURE	MONITOR SPECIFICATION
Picture Tube	10 "
Video Input	1.0v pp composite video / 75 ohm or high impedance loop through
Scan Standard	625 line 50 fields/s (adjustable to 525 line 60 fields/s)
Resolution	Horizontal 500 lines at centre
Deflection Linearity	2% of picture height centre
Power	100-240v AC 50/60 Hz (adjustable)
Controls	Brightness / Contrast / Vert Hold / Horiz hold / Power On / Power Off Colour (colour monitor only)
Construction	Cast aluminium stove enameled for durability
Window	12.5mm toughened glass
Cable Entry	Four entry positions provided - each able to accept four entry holes to a maximum M32
Weight	41 kg
Ambient Temperature	-20°C to +40°C
Weatherproof	IP56 (internal heater with thermostat and fan)

- Multiple camera inputs
  - Preset positioning
  - Preset sequencing
  - Simple push button operation on ergonomically designed front panel
  - Dedicated keys for most commonly used functions
  - Illuminated keys for active function indication
  - Operation over co-ax or twisted pair
  - Compatible with most ranges of equipment
  - Cast aluminium - stove enameled for durability
  - Up to 12 gland entry positions can be provided (M20 max)
  - Weight 24 kg
  - Ambient Temperature -20°C to +40°C
  - Weatherproof to IP56
- Monochrome or colour monitor

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