

# PROTEUS RANGE

## Panel Meters



- P**roven Pivot & Jewel Movement
- R**obust Construction
- O**ptional Internal Illumination
- T**ailored Sensitivities/Ranges
- E**uropean Din Configuration
- U**nique 'Slide-In' Scale
- S**tyle Options

The proteus range comprises four instruments, with three style options, which gives flexibility with regard to panel design. The 'slide-in' scale facility makes scale changes an easy task with no risk of movement damage.

These instruments give the equipment designer choice and style. Constructed with moulded case parts and polycarbonate windows they are robust and durable.

Illumination is possible with push-in bulb holders that are concealed and fixed to the internal mounting frame.

Manufactured for Ac and Dc applications they are also suitable for heavy usage when used in conjunction with current transformers and shunts.



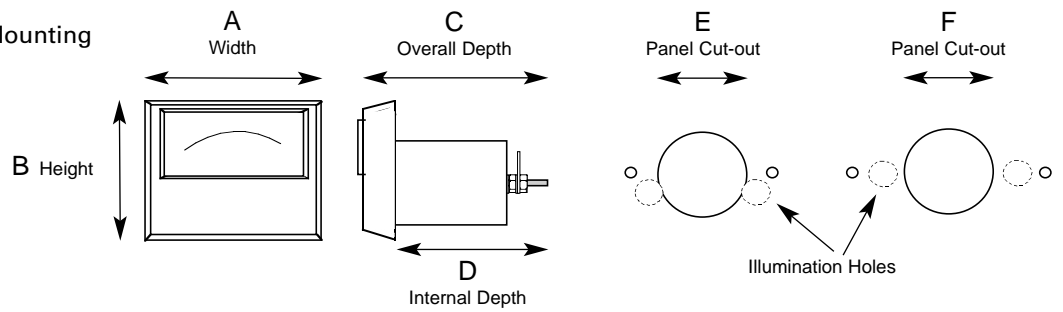
The style options are:



Requirements outside our standard range can also be supplied from our customising facility, details available on request.

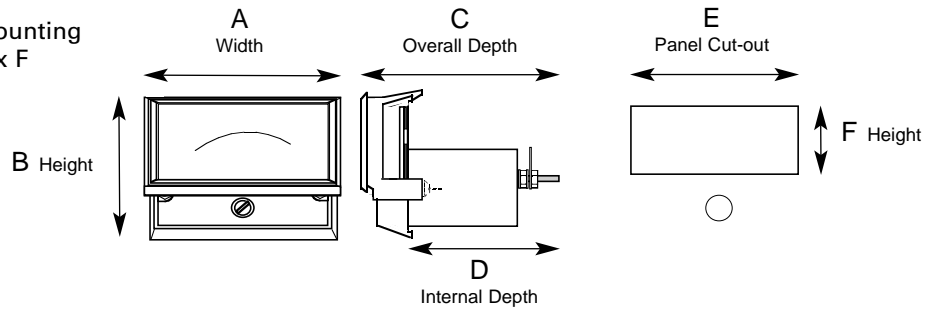
Quality Assurance and Manufacturing are in strict accordance to the requirements of ISO 9002 Quality Standard.

## Front Panel Mounting



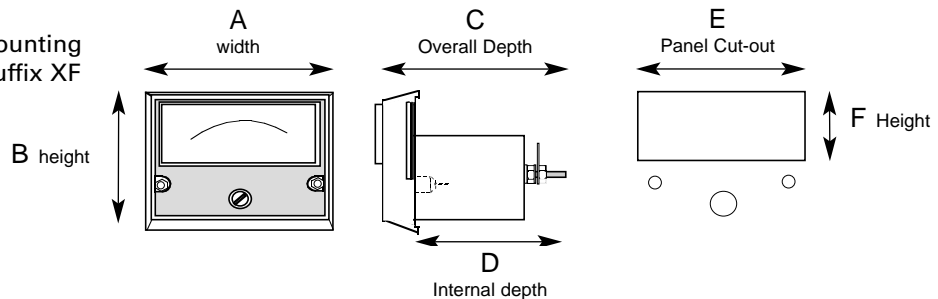
		A	B	C	D	E	F
P48	90°	48.0	45.0	49.0	36.0	26.0	
P72	90°	72.0	55.0	49.0	60.0		26.0
P96	90°	96.0	72.0	49.0	83.0		26.0
P120	90°	119.4	84.2	56.5	105.0		26.0

## Rear Panel Mounting Snap on suffix F



		A	B	C	D	E	F
P48F	90°	48.0	44.0	53.6	47.5	46.0	23.0
P72F	90°	72.0	53.5	53.6	47.5	70.0	33.2
P96F	90°	96.0	71.5	53.6	47.5	93.5	44.5
P120F	90°	120.0	83.0	61.1	55.0	117.5	49.5

## Rear Panel Mounting Screw fixing suffix XF



		A	B	C	D	E	F
P48XF	90°	45.5	42.5	49.0	37.5	41.6	18.3
P72XF	90°	69.5	52.5	49.0	37.5	63.7	26.7
P96XF	90°	93.5	69.5	49.0	37.5	87.0	38.0
P120XF	90°	117.0	81.5	56.5	45.0	110.7	48.7

all sizes in mm

## Movement Details

**Moving Coil** Pivot & jewel movements instruments available in 95° formats.

Standard operating range **V**oltmeters 60mV - 1000V

**A**mmeters 100uA - 20mA

Ammeters can be used in conjunction with external shunts to achieve higher operating applications.

Class Accuracy  $\pm 1.5\%$

Ambient Temperature Range  $+10^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$

*Illumination (optional) if required, please specify normal operating conditions. For further information on this range of instruments or if you wish to discuss specific requirements please contact the sales office.*