



Nixon prototype man-mounted oxygen flowmeter

Provisional Specifications

Power

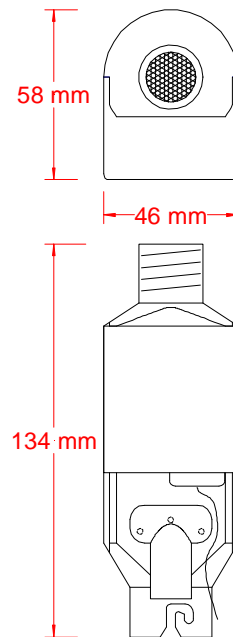
4.5 to 5.5V
current draw 12mA at 5V

Flow

Measurand gas mass flow
0 to 200 litres/minute (air¹ at 0°C, 100kPa)
o/p at zero flow 0.94V
nominal slope 17mV/l/m
linearity ±2% FS
output ratiometric to supply from 4.5 to 5.5V

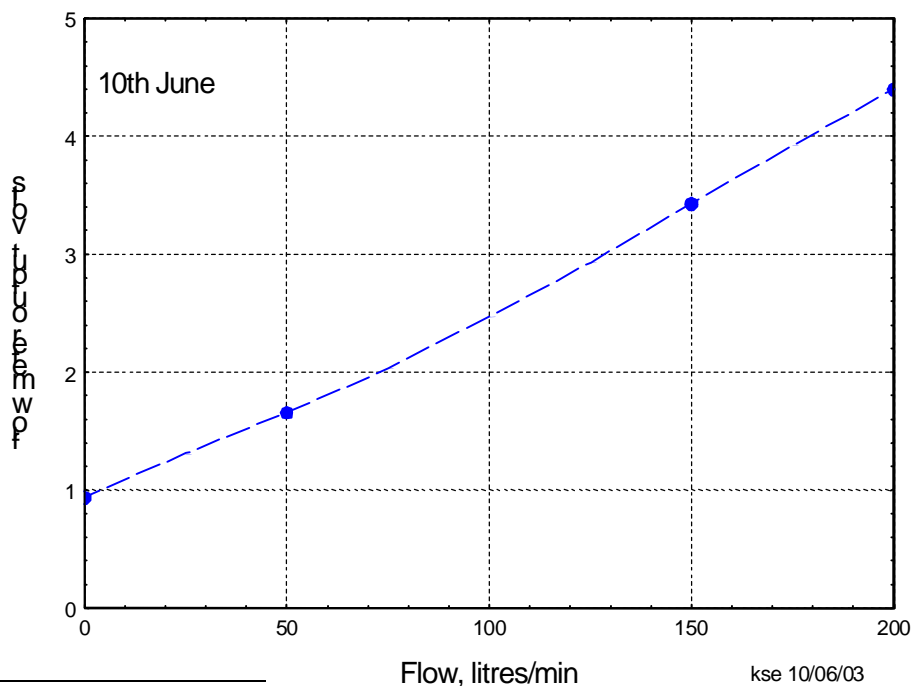
Connections

Power +V	red
Power 0V	green
Output	blue
Signal ground	screen
Test output	yellow



proposed outline

Nixon prototype man-mount O₂ flowmeter calibration



¹ Calibration is function of gas type – air, O₂, N₂, Ar etc