ISLAND SCIENTIFIC LTD Reply to: Unit 9 Ventror Industrial Estate Station Road



Vacuum Equipment, Used and Reconditioned for Technology, Industry, Research and Education

Make: Brooks Model: 5850TR

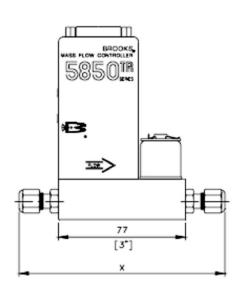
Performance

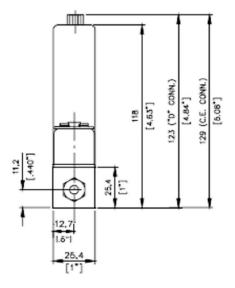
Accuracy $\pm 1\%$ full scale including linearity measured at calibrated conditions Repeatability $\pm 0.25\%$ full scale Rangeability 50 to 1 Temperature coefficient 0.1% full scale/°C Mounting attitude sensitivity $\pm 0.5\%$ full scale maximum deviation from specified accuracy Flow ranges Any full scale range from 10 mln/min. to 20ln/min. Based on Nitrogen equivalent. Flow output/setpoint input 0-5 Vdc, min. load: 1000 Ohm (0)4-20 mA min. load: 350 Ohm

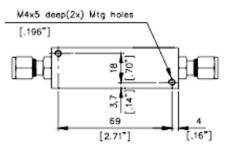
Ratings

Max.operating pressure 100 bar versions Temperature Ambient/gas 0-65/°C (32-149°F) Leak integrity Outboard: 1 x 10-6 mbar.l/s Helium Power requirements +15 Vdc to + 24 Vdc (max. 250 mA) Materials of construction Wetted parts stainless steel with Viton®, PTFE, Buna-N® or Kalrez® Mechanical connections Standard fittings: 1/4" VCR, 1/4" VCO, 1/4" NPT, 1/8" or 1/4" tube compression, 9/16 - 18 unf, 6 mm tube compression, 1/4" Rc (BSPT) Electrical connection Sub-D-type connector or Card Edge

Dimensions:







CONNECTIONS	X (mm)
9/16-18 UNF	77 [3.00"]
1/4" TUBE COMPR.	129 [5,07"]
1/8" TUBE COMPR.	124 [4,88"]
1/4" VCR.	125 [4,92"]
1/4" VCO.	117 [4,60*]
1/4" NPT.	118 [4,64]
1/4"Rc	117 [4,60"]
6mm TUBE COMPR.	129 [5,07"]