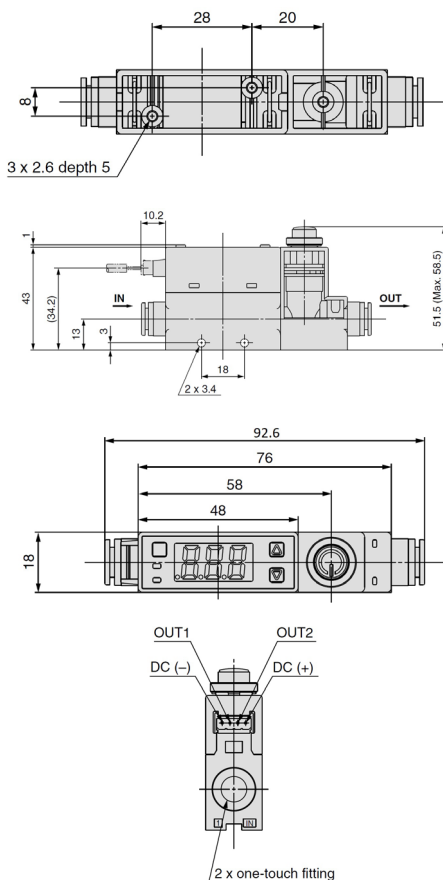


Air and Gas Flow Meter 711S-series



Dimension



Features

- Two-colour display digital flow switch
- Piping space can be reduced
- Compact and light weight
- Users are able to select fluid by using the button
- Application; flow control of equipment, suction check, accumulated indication of operating flow rate or residual amount

Technical Data

Measuring principle : Thermal type

Application : Air and gases

Measuring range : 2...100 l/min

Accuracy : $\pm 3\%$ F.S. or less (Fluid : Dry air)

Repeatability : $\pm 1\%$ F.S. or less (Fluid : Dry air)

Process connection : one touch fitting for tube OD 6 mm

Indication unit : l/min, CFM $\times 10^{-2}$ (Real-time flow rate)

Display method : 3-digit, 7-segment LED, 2-colour display (Red/Green),
Renewed cycle : 10 times/sec

Accumulated flow range : Max. 999,999 liters

Operating temperature : 0...50 °C (with no freezing and condensation)

Storage temperature : -10...60 °C

Operating humidity : 35...85%R.H. (with no condensation)

Operating pressure : -1...7.5 bar

Vibration resistance :

without orifice : 10 to 500 Hz with a 1.5 mm amplitude or 98 m/s² acceleration, in each X, Y, Z direction for 2 hrs, whichever is smaller

with orifice : 10 to 500 Hz with a 1.5 mm amplitude or 19.6 m/s² acceleration, in each X, Y, Z direction for 2 hrs, whichever is smaller

Impact resistance : 490 m/s² in X, Y, Z directions 3 times each

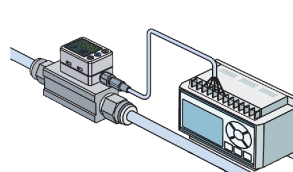
Power supply : 24 Vdc $\pm 10\%$

Current consumption : 55mA or less

Weight : 95g

Protection : IP40

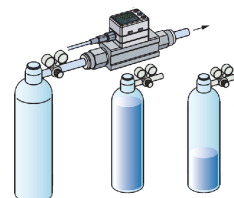
Application



Flow control of equipment



Welder



Accumulated indication

www.omi.co.th

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