



FURON[®] HPVM-RV VALVE

2-WAY

PRESSURE RELIEF VALVE

1/4" ORIFICE

The Furon Pressure Relief Valve (HPVM-RV) is built on a simple and efficient design that allows the valve to open and relieve to a certain pressure. The valve comes preset from the factory at a certain pressure rating, but can be easily adjusted in the field with a knob which is located at its top. The valve can be installed in any position and is designed on the existing Furon HPVM valve base, ensuring it meets the most stringent requirement from your Semiconductor application.

APPLICATIONS

The Furon HPVM-RV Pressure Relief Valve is designed specifically for those applications where there is a need to ensure that pressure does not build in above a certain value, that you may preset in advance.

FEATURES AND BENEFITS

- High-purity Fluoropolymer construction:
 - High-Purity injected PFA body
 - High-Purity high fatigue PTFE diaphragm
- Compact design
- Easy adjust via knob
 - From 25 to 80 PSIG
- Build on industry proven valve
- Various flow configuration available

SPECIFICATIONS

Description	End Connection Type	Orifice Size		End Connection Size		A	
		in	mm	in	mm	in	mm
HPVM2-F44-RV	FlareGrip® II	1/4	6.35	1/4	6.35	3.51	89.9
HPVM2-F46-RV	FlareGrip® II			3/8	9.52	3.76	95.3
HPVM2-S30044-RV	Nippon Pillar Super 300®			1/4	6.35	2.70	68.6
HPVM2-S30046-RV	Nippon Pillar Super 300®			3/8	9.52	3.10	78.7

HPVM-RV may be ordered with a fixed preset value for the relief function.

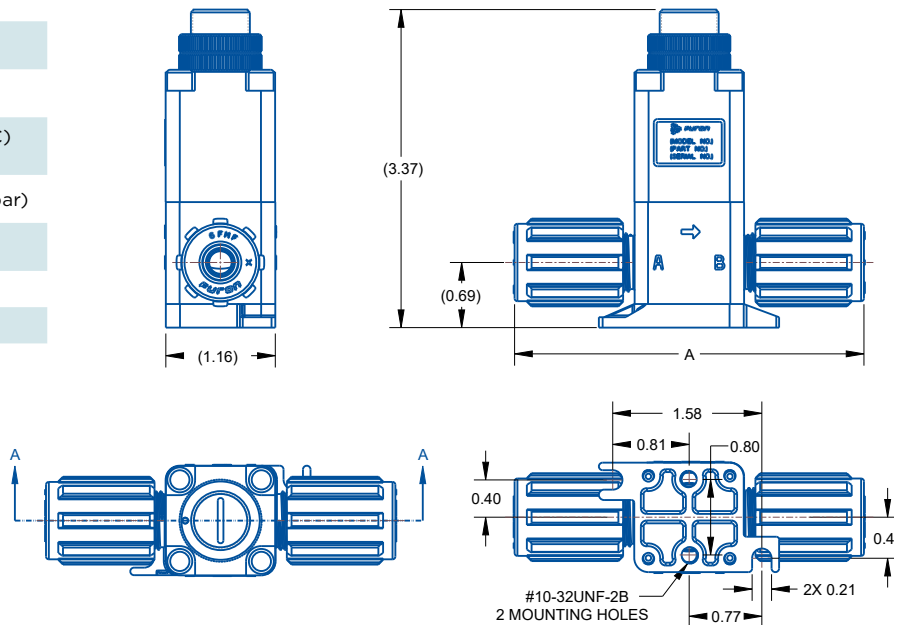
OPTIONS

- PFA Flare nuts (add-3)
- ETFE nuts (add-2)
- Other end connection types available:
 - FNPT

Please contact us for further details

TECHNICAL SPECIFICATIONS

Max Operating Pressure	80 psig (5.5 bar)
Flow	Up to C _v 0.82
Max Operating Temperature	Ambient: 140°F (60°C) Media: 203°F (95°C)
Adjustable Pressure Range	25 - 80 PSIG (1.7 - 5.5 bar)
Body	PFA
Diaphragm	Modified PTFE
Actuator Housing	Polypropylene



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