

piSTAMP Enhanced Blow-Off COAX® MICRO Ti05-2x2, 1/4"-1/4"

Item number: 02.12.892



Technical data

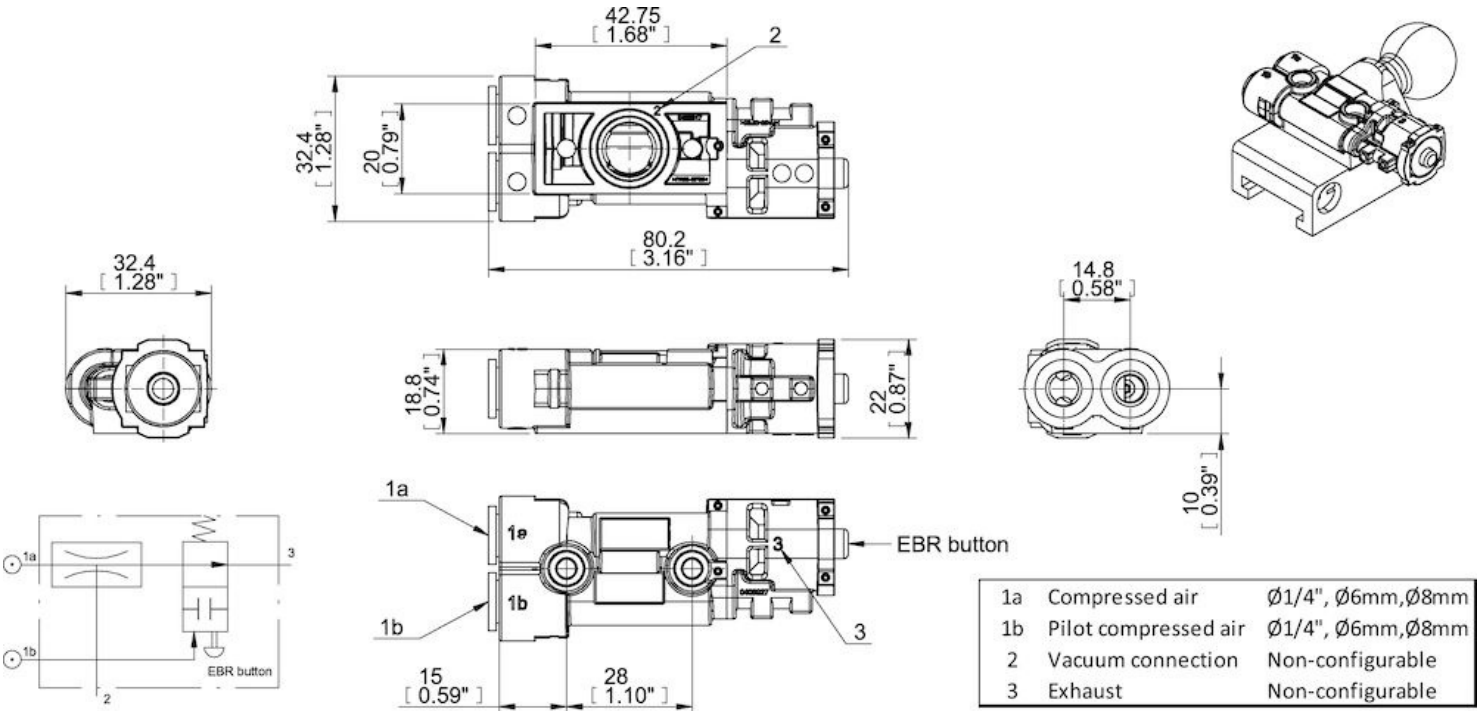
Description	Unit	Value
Material	-	CuZn, HNBR, Nitrile (NBR), PA66, POM, SS, TPE
Temperature, max.	°F	122.0
Temperature, min.	°F	32.0
Weight, min.	oz	1.66
Feed pressure, max.	psi	0.10
Feed pressure, min.	psi	0.044
Noise level, min.	dBA	71
Feed pressure, optimum, max.	psi	0.072
Vacuum, max.	-inHg	23.92
Flow rate, min. (Blow-Off flow at 5 MPa)	scfm	2.75

Performance

Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)													Max vacuum
psi	scfm	0	2	5	8	11	14	17	20	23	26	29	32	35	psi
72.5	1.36	0.21	0.19	0.15	0.12	0.077	0.044	0.032	0.018	0	0.0044	0	0	0	≥11.74

Feed pressure	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)													Max vacuum
psi	scfm	2	5	8	11	14	17	20	23	26	28	29	29	29	psi
72.5	1.36	0.044	0.097	0.16	0.25	0.39	0.62	0.97	1.85	0	0	0	0	0	≥11.74

Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.