

# piSECURE/piSECURE ES COAX® MINI X10-2



## piSECURE/piSECURE ES COAX® MINI X10-2

- Two stage COAX® MINI Xi10-2 ejector gives fast evacuation to 27.8 -inHg
- Suitable to use as decentralized (one per cup) for maximum safety
- Built-in non-return valve (check valve) which holds vacuum in sealed applications in case of system or power failure
- Suitable for ergonomic lifting devices/manipulators and cranes which has to comply with lifting norms, such as EN 13155 and ASME Standard B30.20 etc.
- Integrated blow-off release valve for fast and reliable release of object
- Filter disc to protect unit from dust and particles
- Vacuum sensing port
- Optional air saving function (piSECURE ES) can save up to 99% of consumption

### Technical data

Description	Unit	Value
Feed pressure, max.	psi	101.5
Feed pressure, recommended range	psi	44-101.5
Feed pressure, min.	psi	14.5
Material		Al, NBR, PA, SS, CuZn
Temperature range	°F	14-176
Flow, rate @ 44-101.5	scfm	3.18-5.93
Max. leaking rate (towards a 3 cubic inch volume)	-inHg/min	<0.12

### Technical data, specific

Description	Unit	Value
		02..00.986
Weight	oz	7.94
		12.5

### Vacuum flow

Feed pressure*	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)										Max vacuum -inHg
		0	3	6	9	12	15	18	21	24	27	
psi	scfm	0	3	6	9	12	15	18	21	24	27	-inHg
65	0.89	1.59	1.29	0.95	0.59	0.40	0.32	0.23	0.15	0.09	0.006	27.2
72.5	0.97	1.59	1.33	1.04	0.70	0.40	0.32	0.23	0.15	0.10	0.02	27.8
87	1.14	1.57	1.33	1.12	0.89	0.64	0.34	0.23	0.17	0.09	0.02	27.5

\*Feed pressure tolerance, +/- 1.45 psi

### Evacuation time

Feed pressure*	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)								Max vacuum -inHg	
		3	6	9	12	15	18	21	24		
psi	scfm	3	6	9	12	15	18	21	24	27	-inHg

65	0.89	4.25	8.50	17.0	31.2	45.3	65.2	99.2	150	272	27.2
72.5	0.97	3.97	8.50	17.0	28.3	45.3	65.2	99.2	150	252	27.8
87	1.14	4.25	8.50	14.2	22.7	36.8	56.7	87.8	136	246	27.5

\*Feed pressure tolerance, +/- 1.45 psi

## Ordering information

	Description	Part No.
A	piSECURE COAX® X10-2	02.00.986
B	piSECURE COAX® X10-2 ES	02.00.984

