

Datasheet

COAX® in piGRIP® Xi

Item number: 02.00.344



- Fully decentralized vacuum unit based on patented COAX® technology.
- Quick response time and very high energy efficiency.
- Easy system dimensioning – small risk for mistakes.
- Available with a variation of two-stage COAX® MICRO cartridges.
- Suitable for high vacuum flow.
- Suitable for extra capacity/dirt tolerance.

Technical data

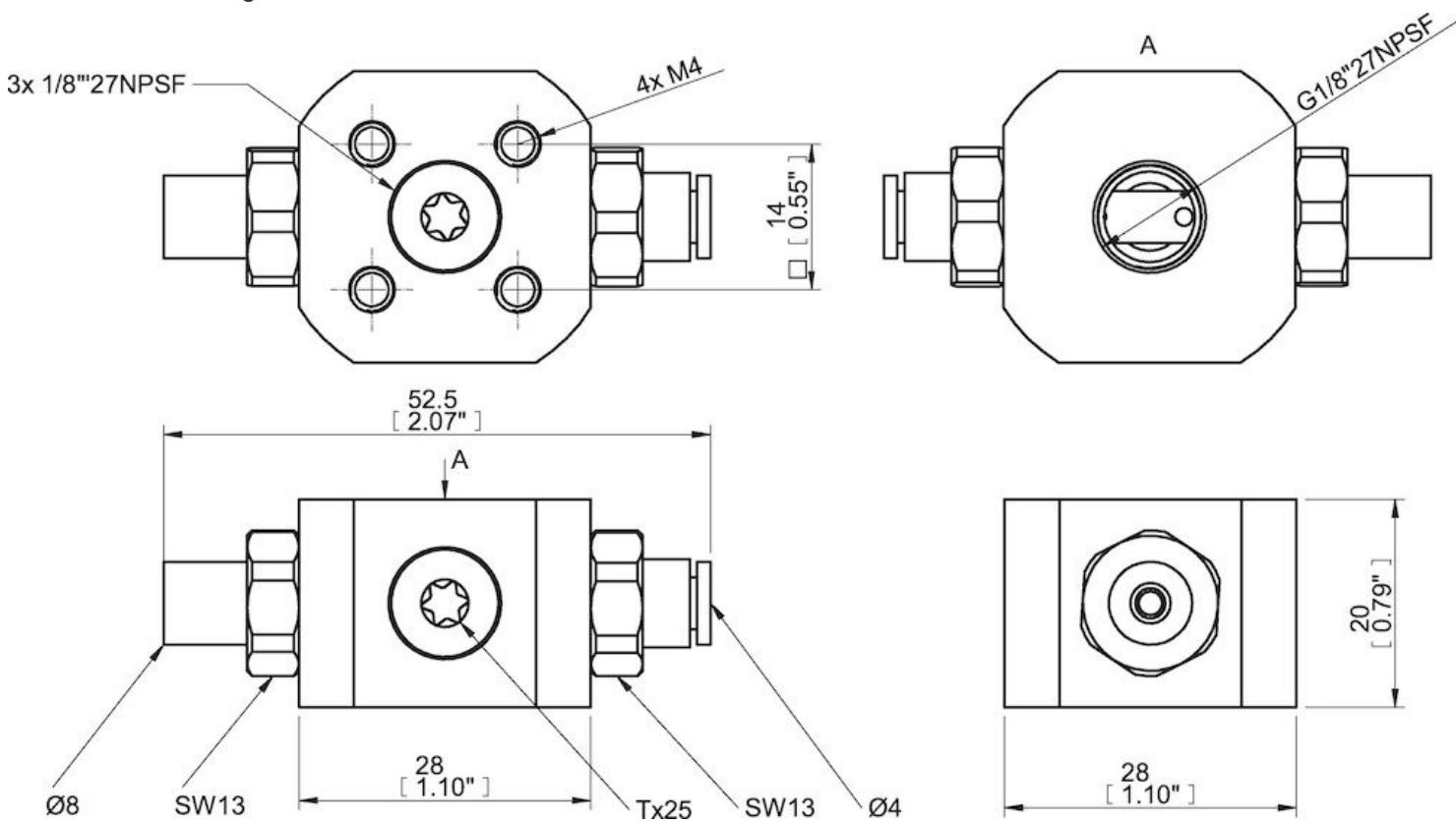
| Description | Unit | Value |
|---------------------|------|-----------------------------|
| Material | - | Al, CuZn, Nitrile (NBR), PA |
| Temperature, max. | °F | 176.0 |
| Temperature, min. | °F | 14.0 |
| Weight, min. | oz | 1.59 |
| Feed pressure, max. | psi | 0.10 |
| Noise level, max. | dBA | 61 |
| Noise level, min. | dBA | 55 |

Performance

| Feed pressure psi | Air consumption scfm | Vacuum flow (scfm) at different vacuum levels (-inHg) | | | | | | | | | | | | Max vacuum psi |
|----------------------|-------------------------|---|-------|-------|-------|-------|--------|--------|--------|---|--------|---|---|-------------------|
| 72.5 | 0.28 | 0.069 | 0.044 | 0.023 | 0.013 | 0.011 | 0.0089 | 0.0068 | 0.0038 | 0 | 0.0021 | 0 | 0 | 0 |

| Feed pressure psi | Air consumption scfm | Evacuation time (s/cf) to reach different vacuum levels (-inHg) | | | | | | | | | | | | Max vacuum psi |
|----------------------|-------------------------|---|------|------|------|------|------|------|------|---|---|---|---|-------------------|
| 72.5 | 0.28 | 0.15 | 0.41 | 0.89 | 1.63 | 2.53 | 3.64 | 5.25 | 8.11 | 0 | 0 | 0 | 0 | 0 |

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%.

Accessories

01.06.915 | 4x M4 screw top, 5x plug G1/8", flush mount

01.06.927 | M8 16 mm

01.06.949 | M8 27 mm, profile kit

01.08.488 | M6 22 mm screw, profile kit