

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

Item number: 02.07.772



Technical data

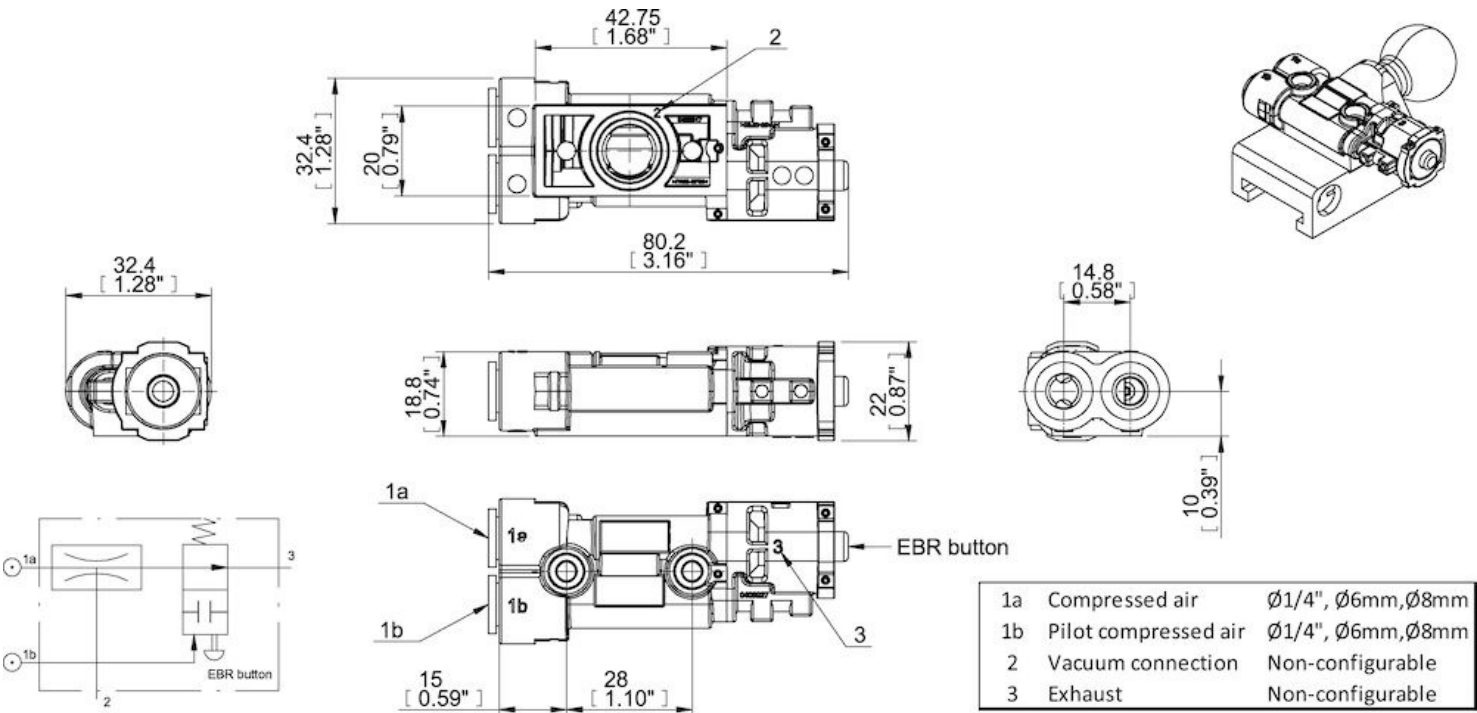
| Description                              | Unit  | Value                                         |
|------------------------------------------|-------|-----------------------------------------------|
| Material                                 | -     | CuZn, HNBR, Nitrile (NBR), PA66, POM, SS, TPE |
| 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  | 1.36                                          |

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%.