

# pilNLINEx® vacuum generator MICRO Xi, 6-6 mm, 0122884



- Patented COAX® cartridge technology....
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings.
- Quick and easy installation directly on the hose.
- Si/Ti cartridge at 0.6 MPa for extra vacuum flow.
- Bi cartridge for reliability at low feed pressures.
- Ti/Xi cartridge at 0.4/0.5 MPa when high flow and deep vacuum is needed.

## General

Item number, alternative	E12841366
Material	CuZn, PA, SS, TPE, Nitrile (NBR)
Noise level	70 – 76 dBA
Temperature	-10 – 80 °C
Weight	9.8 g

## Performance

Feed pressure, max.	0.7 MPa
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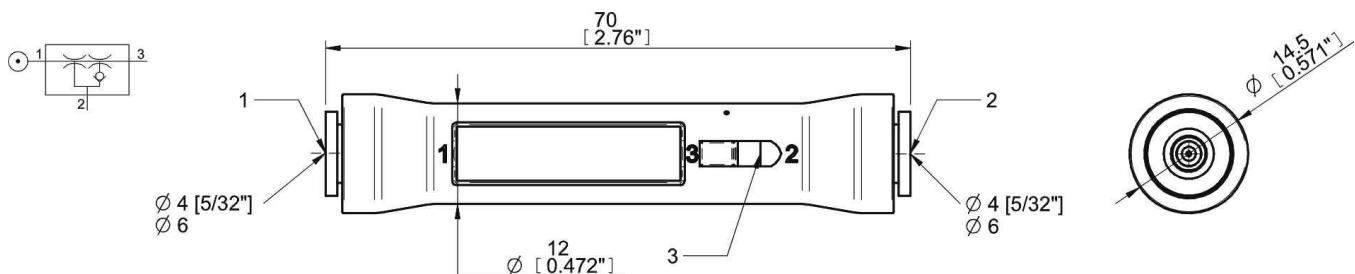
## Vacuum flow

Feed pressure	Air consumption	Vacuum flow (NL/s) at different vacuum levels (-kPa)									Max vacuum
MPa	Nl/s	0	10	20	30	40	50	60	70	80	-kPa
0.5	0.13	0.24	0.17	0.1	0.06	0.04	0.03	0.02	0.01	0.01	92

## Evacuation time

Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)									Max vacuum
MPa	Nl/s	10	20	30	40	50	60	70	80	-kPa	
0.5	0.13	0.49	1.23	2.48	4.5	7.3	11.3	18	28	92	

## Dimensional drawings



Values specified in the data sheet are tested at:

Room temperature	(20°C [68°F] ± 3°C [5.5°F])
Standard atmosphere	(101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])
Relative humidity	0-100%
Compressed air quality	DIN ISO 8573-1 class 4

## Accessories

	Item no.
Snap-in piINLINE® 5x MICRO mounting bracket	0123093