

VGI 3-8-12 SI Inline Vacuum Generator, 0122032



- Patented COAX® cartridge technology.
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings for vacuum and compressed air.
- Quick and easy installation directly on the hose.
- Si cartridge for extra vacuum flow.
- Pi cartridge for high performance at low feed pressures.
- Xi cartridge when high flow and deep vacuum is needed.

General

Item number, alternative	E12843182
Material	CuZn, PA, SS, Nitrile (NBR)
Weight	87 g

Performance

Air consumption	106 l/m (3.7 scfm) NL/s
Feed pressure, max.	0.7 MPa

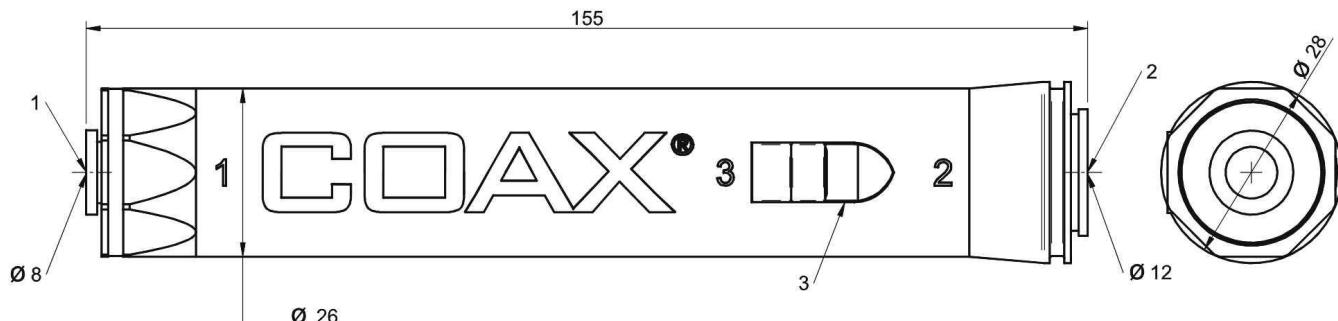
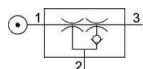
Vacuum flow

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	-kPa
0.6	1.75	3.1	2.5	1.9	1.2	0.7	0.6	0.5	0.35	75

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	-kPa
0.6	1.75	0.04	0.08	0.14	0.25	0.4	0.59	0.82	75

Dimensional drawings



Diameter	26 mm (B)
Diameter	8 mm (C)
Diameter	12 mm (D)
Length	155 mm (A)

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.
Silencer piINLINE® MIDI	0123031
Snap-in piINLINE® 1x MIDI mounting bracket for silencer	0123096
Snap-in piINLINE® 1x MIDI mounting bracket	0123095