DVI 205 M, Mini-inline valve, solenoid actuated, without PI, n. o.

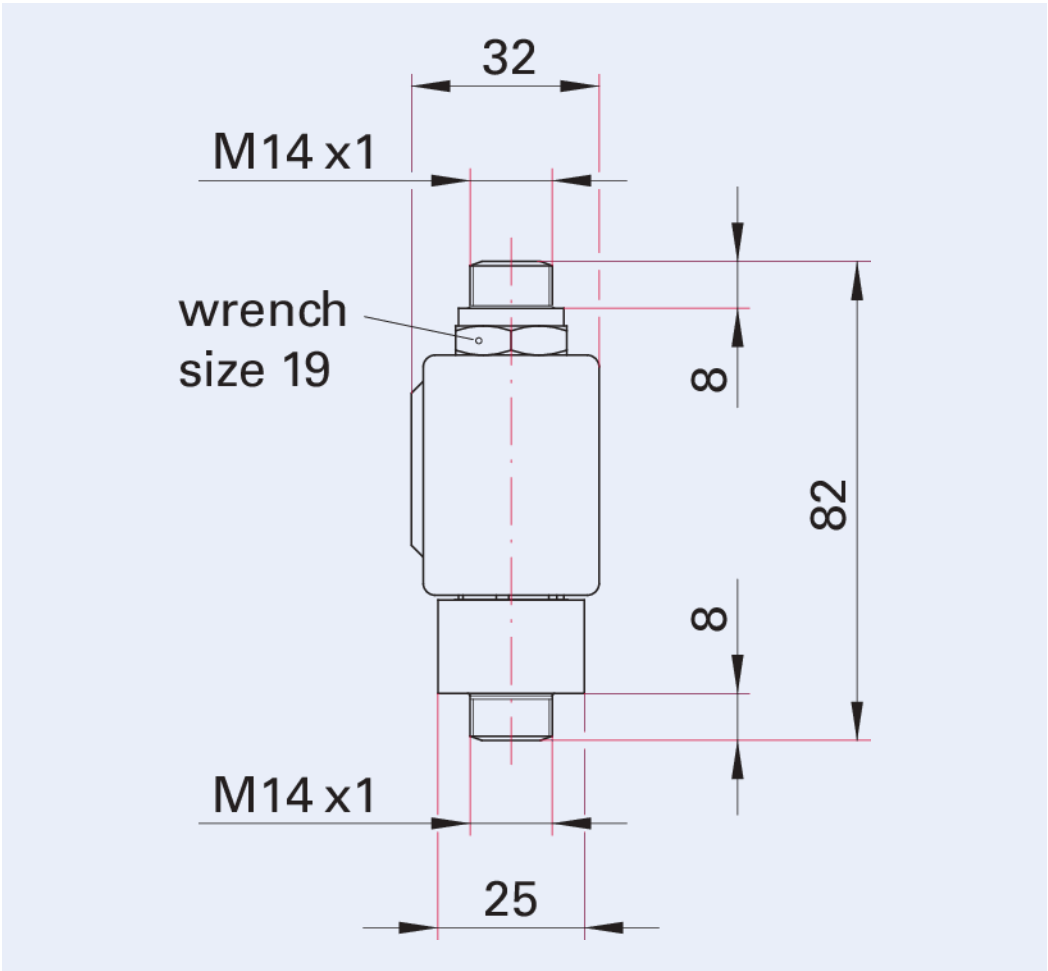
PFEIFFER VACUUM

DVI 205 M

DVI 205 M, Mini-inline valve, solenoid actuated, without PI, n. o.

- Two connections required as accessories
- Service life: 2 million operating cycles
- Variants: DVI 005 M = normally closed (n. c.); DVI 205 M = normally open (n. o.)

Dimensions



Technical Data	DVI 205 M, Mini-inline valve, solenoid actuated, without PI, n. o.
Supply: Power consumption max.	10 W
Opens against differential pressure of	4 000 hPa
Seal	FKM
Protection degree acc. to DIN 40050	IP65
Type	Mini inline valve
Version	Normally open
Ambient temperature	5 – 40 °C
Housing	Stainless steel
Actuator	Electromagnetic
Input voltage(s)	24 V DC
Tightness	$1 \cdot 10^{-10}$ Pa m^3 /s | $1.33 \cdot 10^{-8}$ Torr l/s | $1 \cdot 10^{-8}$ mbar l/s
Bakeout temperature: actuator	120 °C | 248 K | -153.15 °F
Conductance value with molecular flow	0.2 l/s
Conductance value with laminar flow	2 l/s
Operating pressure min.	$1 \cdot 10^{-8}$ hPa | $7.5 \cdot 10^{-9}$ Torr | $1 \cdot 10^{-8}$ mbar
Pressure max. (absolute)	2,000 hPa | 1,500 Torr | 2,000 mbar
Bakeout temperature: housing	150 °C | 302 K | -123.2 °F
Differential pressure in closing direction	4,000 hPa | 3,000 Torr | 4,000 mbar
Differential pressure in opening direction	2,000 hPa | 1,500 Torr | 2,000 mbar
Weight	0.3 kg | 0.66 lb
Operating pressure min.	$1 \cdot 10^{-8}$ hPa
Pressure max. (absolute)	2,000 hPa
Switching frequency	300 min-1
Power consumption max.	10 W
Connection flange	DN 5 mm M14x1 Thread
Closing/opening time	30 ms/10 ms
Differential pressure in closing direction	4,000 hPa
Differential pressure in opening direction	2,000 hPa
Weight	300 g

Order number	DVI 205 M, Mini-inline valve, solenoid actuated, without PI, n. o.
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