



**EVI 005 M, Mini angle  
valve, solenoid  
actuated, without PI**

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# EVI 005 M

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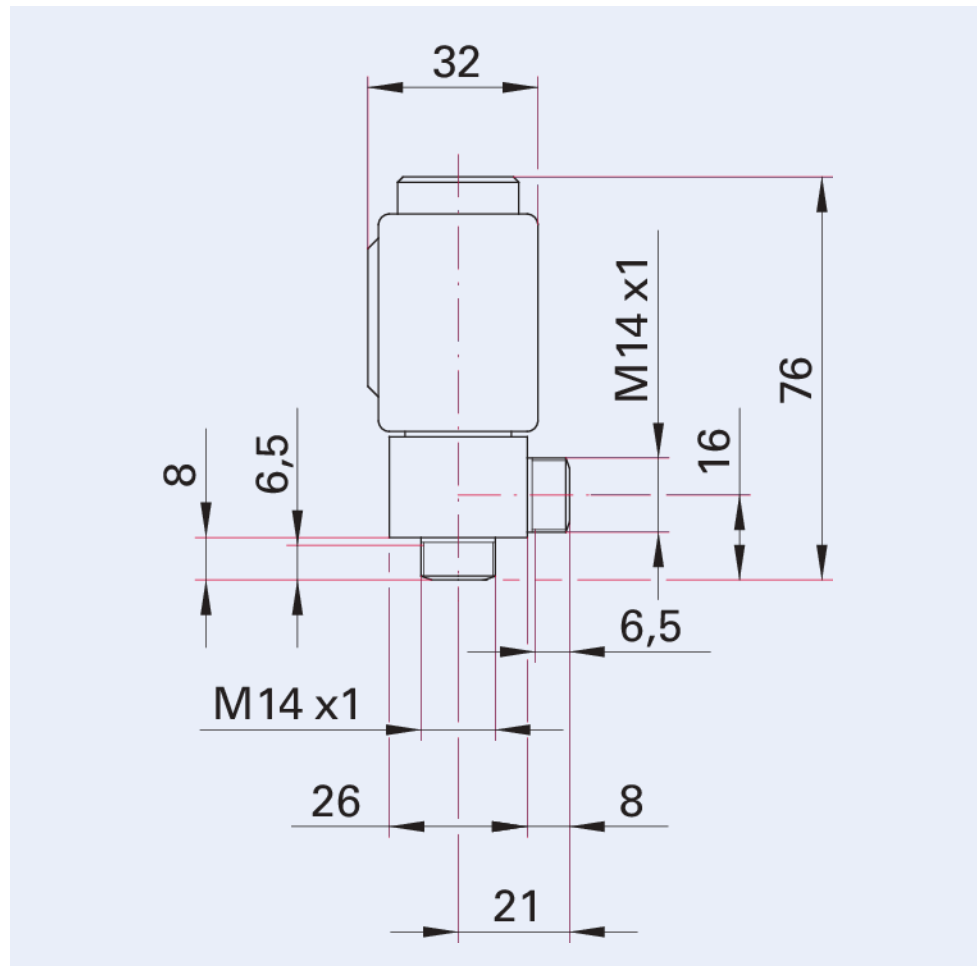


Illustration only

## EVI 005 M, Mini angle valve, solenoid actuated, without PI

- Two connections required as accessories
- Normally closed (n. c.)
- Service life: 2 million operating cycles

## Dimensions



<b>Technical Data</b>	<b>EVI 005 M, Mini angle valve, solenoid actuated, without PI</b>
Supply: Power consumption max.	10 W
Opens against differential pressure of	1000 hPa
Seal	FKM
Protection degree acc. to DIN 40050	IP65
Type	Mini angle valve
Version	Normally closed (n. c.)
Ambient temperature	5 – 40 °C
Housing	Stainless steel
Actuator	Electromagnetic
Input voltage(s)	24 V DC
Tightness	1 · 10 <sup>-10</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-10</sup> Torr l/s   1 · 10 <sup>-9</sup> mbar l/s
Bakeout temperature: actuator	120 °C   248 °F   393.15 K
Conductance value with molecular flow	0.3 l/s
Conductance value with laminar flow	3 l/s
Operating pressure min.	1 · 10 <sup>-8</sup> hPa   7.5 · 10 <sup>-9</sup> Torr   1 · 10 <sup>-8</sup> mbar
Pressure max. (absolute)	1,500 hPa   1,125 Torr   1,500 mbar
Bakeout temperature: housing	150 °C   302 °F   423.2 K
Differential pressure in closing direction	5,000 hPa   3,750 Torr   5,000 mbar
Differential pressure in opening direction	1,500 hPa   1,125 Torr   1,500 mbar
Weight approx.	0.3 kg   0.66 lb
Operating pressure min.	1 · 10 <sup>-8</sup> hPa
Pressure max. (absolute)	1,500 hPa
Switching frequency	300 min <sup>-1</sup>
Power consumption max.	10 W
Connection flange	DN 5 mm M14 x1 Thread
Closing/opening time	7 ms/30 ms
Differential pressure in closing direction	5,000 hPa
Differential pressure in opening direction	1,500 hPa
Weight	300 g

<b>Order number</b>	<b>EVI 005 M, Mini angle valve, solenoid actuated, without PI</b>
EVI 005 M, Mini angle valve, solenoid actuated, without PI	PF H13 231

<b>Accessories</b>	<b>EVI 005 M, Mini angle valve, solenoid actuated, without PI</b>
Spare part kit for EVI 005 M (PF H13 231)	BN841320-T
Spare part kit for EVI 005 M with armature	PT 130 060 -T



Errors and/or changes excepted. - 5/14/2025

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