

# 82530/82630

## 2/2-way diaphragm valves

- Port size: DN 10, G1/4 ... 1/2 (ISO G/NPT)
- Functional design
- Compact solenoid with integrated core tube
- Valve operates without differential pressure
- Operating pressure 0 ... 20 bar with alternating current and NBR sealing
- International approvals



### Technical features

**Medium:**  
Neutral gases and liquids

**Switching function:**  
Normally closed

**Operation:**  
Solenoid actuated, with forced lifting

**Mounting position:**  
Optional, preferably solenoid vertical on top

**Flow direction:**  
Determined

**Port size:**  
G1/4, G3/8, G1/2, 1/4 NPT, 3/8 NPT, 1/2 NPT

**Operating pressure:**  
0 ... 10 bar (0 ... 145 psi)

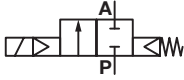
**Fluid temperature:**  
–10 ... +90°C (+14 ... +194°F)

**Ambient temperature:**  
–10 ... +50°C (+14 ... +122°F)

**Material:**  
Body: Brass (CW617N), PA66  
Seat seal: NBR  
Internal parts: Stainless steel, PVDF

For contaminated fluids insertion of a strainer is recommended.

### Technical data – standard models

Symbol	Port size	Orifice	Valve length	Flow kv value *1)	Operating pressure *2)		Weight (kg)	Model
		(mm)	(mm)		(bar)	(psi)		
	G1/4	10	44	1,5	0 ... 10	0 ... 145	0,5	8253000.8001.xxxxx
	1/4 NPT	10	44	1,5	0 ... 10	0 ... 145	0,5	8263000.8001.xxxxx
	G3/8	10	44	1,7	0 ... 10	0 ... 145	0,5	8253100.8001.xxxxx
	3/8 NPT	10	44	1,7	0 ... 10	0 ... 145	0,5	8263100.8001.xxxxx
	G1/2	10	60	1,7	0 ... 10	0 ... 145	0,6	8253200.8001.xxxxx
	1/2 NPT	10	60	1,7	0 ... 10	0 ... 145	0,6	8263200.8001.xxxxx

xxxxx Please insert voltage and frequency codes

\*1) Cv-value (US) ≈ kv value x 1,2

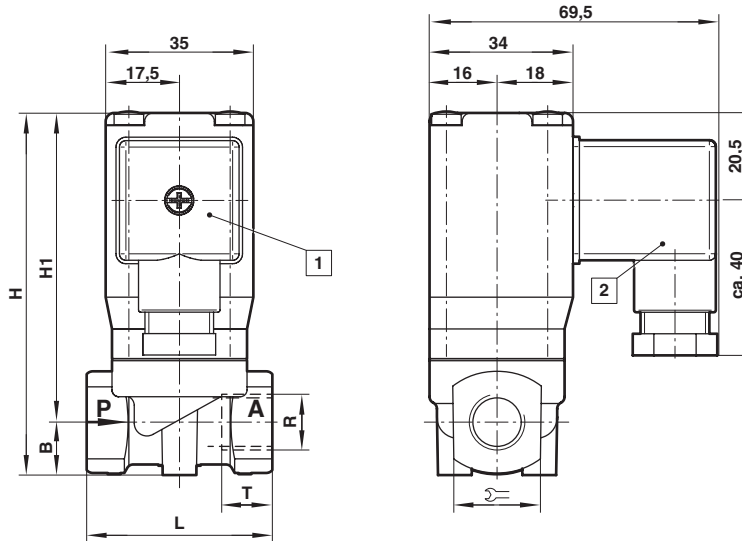
\*2) For gases and liquid fluids up to 25 mm<sup>2</sup>/s (cSt)



## Dimensions

G1/4 ... 1/2  
1/4 ... 1/2 NPT

Dimensions in mm  
Projection/first angle



- 1 Solenoid rotatable 360°
- 2 Socket turnable 4 x 90°  
(Socket included)

Port size R	B	H	H1	L		T	Typ
G1/4	14	87	73	44	21	12	8253000.8001.xxxxx
1/4 NPT	14	87	73	44	21	10	8263000.8001.xxxxx
G3/8	14	87	73	44	21	12	8253100.8001.xxxxx
3/8 NPT	14	87	73	44	21	10	8263100.8001.xxxxx
G1/2	14	90	74,5	60	27	15	8253200.8001.xxxxx
1/2 NPT	14	90	74,5	60	27	13	8263200.8001.xxxxx

### Note to Pressure Equipment Directive (PED):

The valves of this series up to and including DN 25 (G1) are according to Art. 4 § 3 of the Pressure Equipment Directive (PED) 2014/68/EU. This means interpretation and production are in accordance to engineers practice wellknown in the member countries. The CE-sign at the valve does not refer to the PED. Thus the declaration of conformity is not longer applicable for this directive.

### For valves > DN 25 (G1) Art. 4 § (1) Letter d) applies:

The basic requirements of the Enclosure I of the PED must be fulfilled. The CE-sign at the valve includes the PED. A certificate of conformity of this directive will be available on request.

### Note to Electromagnetic Compatibility Guideline (EEC):

The valves shall be provided with an electrical circuit which ensures the limits of the harmonised standards EN 61000-6-3 and EN 61000-6-1 are observed, and hence the requirements of the Electromagnetic Compatibility Guideline (2014/30/EU) satisfied.

### Note to EAC marking:

The EAC-marked products comply with the applicable requirements stated in the technical regulations of the Eurasian Economic Union.