

- > **Port size: DN 3 ... 8, G1/4 ... 3/8**
- > **Suitable for aggressive fluids**
- > **Functional design**
- > **Compact solenoid with integrated core tube**
- > **Core tube protected with PTFE-bellow**
- > **Unsusceptible to calcification and magnetization of foreign particles**



### Technical features

**Medium:**

Aggressive gases and fluids

**Switching function:**

Normally closed

**Operation:**

Directly solenoid actuated

**Type:**

Seat valve operating without differential pressure

**Mounting position:**

Optional, preferably solenoid vertical on top

**Flow direction:**

Determined

**Port size:**

G1/4, G3/8

**Operating pressure:**

0 ... 7 bar (0 ... 101 psi)

**Fluid temperature:**

-10° ... +110°C (+14° ... +230 °F)

**Ambient temperature:**

-10° ... +50°C (+14° ... +122°F)

**Material:**

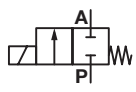
Body: PVDF

Seat seal: EPDM

Internal parts: PTFE-bellows

For contaminated fluids (particle > 1 mm) insertion of a strainer is recommended.

### Technical data - standard models

Symbol	Port size	Orifice (mm)	Flow kv value *1) (m³/h)	Operating pressure *2) (bar)	Weight (kg)	Model Solenoid in V d.c.	Model Solenoid in V a.c.
	G1/4	3	0,23	0 ... 7	0,3	8208000.8050.xxxxx	8208000.8051.xxxxx
	G3/8	3	0,23	0 ... 7	0,3	8208100.8050.xxxxx	8208100.8051.xxxxx
	G1/4	4,5	0,42	0 ... 5	0,3	8208060.8050.xxxxx	8208060.8051.xxxxx
	G3/8	4,5	0,42	0 ... 5	0,3	8208160.8050.xxxxx	8208160.8051.xxxxx
	G1/4	6	0,62	0 ... 2	0,3	8208070.8050.xxxxx	8208070.8051.xxxxx
	G3/8	6	0,62	0 ... 2	0,3	8208170.8050.xxxxx	8208170.8051.xxxxx
	G1/4	8	0,83	0 ... 1	0,3	8208080.8050.xxxxx	8208080.8051.xxxxx
	G3/8	8	0,83	0 ... 1	0,3	8208180.8050.xxxxx	8208180.8051.xxxxx

xxxxx Please insert voltage and frequency codes

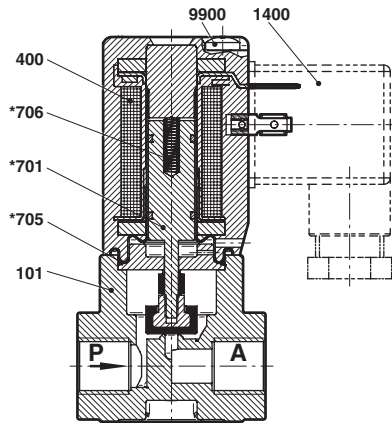
\*1) Cv-value (US) ≈ kv value x 1,2

\*2) For gases and liquid fluids up to 80 mm²/s (cSt)



**Section View**

**G1/4 ... 3/8**



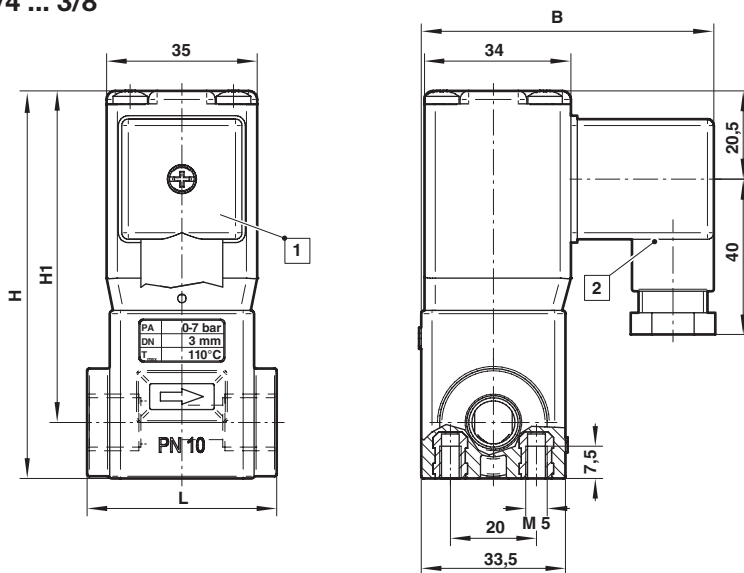
No.	Description
101	Valve body
400	Solenoid
*701	Plunger
*705	O-ring
*706	Pressure spring
1400	Socket (included)
9900	Oval head cap screw

\* These individual parts form a complete wearing unit.  
When ordering spare parts please state Model No. and Series No.

**Dimensions**

**G1/4 ... 3/8**

Dimensions in mm  
Projection/First angle



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

Port size R	Orifice (mm)	B *3)	H	H1	L	Model
G1/4	3	70	90	77	44	8208000.805x.xxxxx
G3/8	3	70	90	77	44	8208100.805x.xxxxx
G1/4	4,5	70	90	77	44	8208060.805x.xxxxx
G3/8	4,5	70	90	77	44	8208160.805x.xxxxx
G1/4	6	70	90	77	44	8208070.805x.xxxxx
G3/8	6	70	90	77	44	8208170.805x.xxxxx
G1/4	8	70	90	77	44	8208080.805x.xxxxx
G3/8	8	70	90	77	44	8208180.805x.xxxxx

\*3) max. depth

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

The valves of this series are according to Art. 3 § 3 of the Pressure Equipment Directive (PED) 97/23/EG. This means interpretation and production are in accordance to engineers practice well-known 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.

**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 (2004/108/EEC) satisfied.