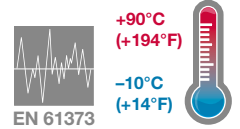
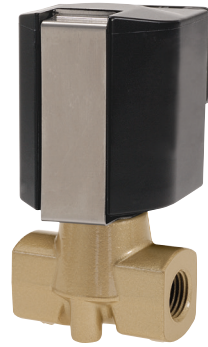


- > **Port size:**  
G3/8, DN 5
- > **Suitable for vacuum**
- > **High flow rate**
- > **Functional compact design**
- > **Body with M5 fastening thread as standard**
- > **Solenoid interchangeable without tools (Click-on®)**
- > **Valve operates without pressure differential**
- > **Shock and vibration tested to EN 61373, Category 1, class B**



### Technical features

**Medium:**

Neutral gases and liquids

**Switching function:**

Normally closed

**Operation:**

Directly solenoid actuated

**Mounting position:**

Optional, preferably solenoid vertical on top

**Flow direction:**

Determined

**Port size:**

G3/8

**Operating pressure:**

0 ... 6 bar (0 ... 87 psi)

**Fluid temperature:**

-10 ... +90°C (+14 ... +194°F)

**Ambient temperature:**

-10 ... +50°C (+14 ... +122°F)

**Material:**

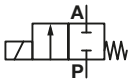
Body: Brass (CW617N)

Seat seal: NBR

Internal parts: Stainless steel, Brass

For contaminated fluids insertion of a strainer is recommended.

### Technical data

Symbol	Port size	Orifice (mm)	Flow kv value *1) (m³/h)	Operating pressure *2) (bar)	Weight (kg)	Model Solenoid in V d.c.
	G3/8	5	0,5	0 ... 6	0,56	8251180.9151.02400

\*1) Cv-value (US) ≈ kv value x 1,2

\*2) For gases and liquid fluids up to 25 mm²/s (cSt)

### Standard solenoid systems

Voltage and Frequency Solenoid 9151					
Code Voltage	Code Frequency	Voltage	Frequency	Power consumption	
				Inrush	Holding
024	00	24 V d.c.	-	18 W	18 W

Further versions on request!

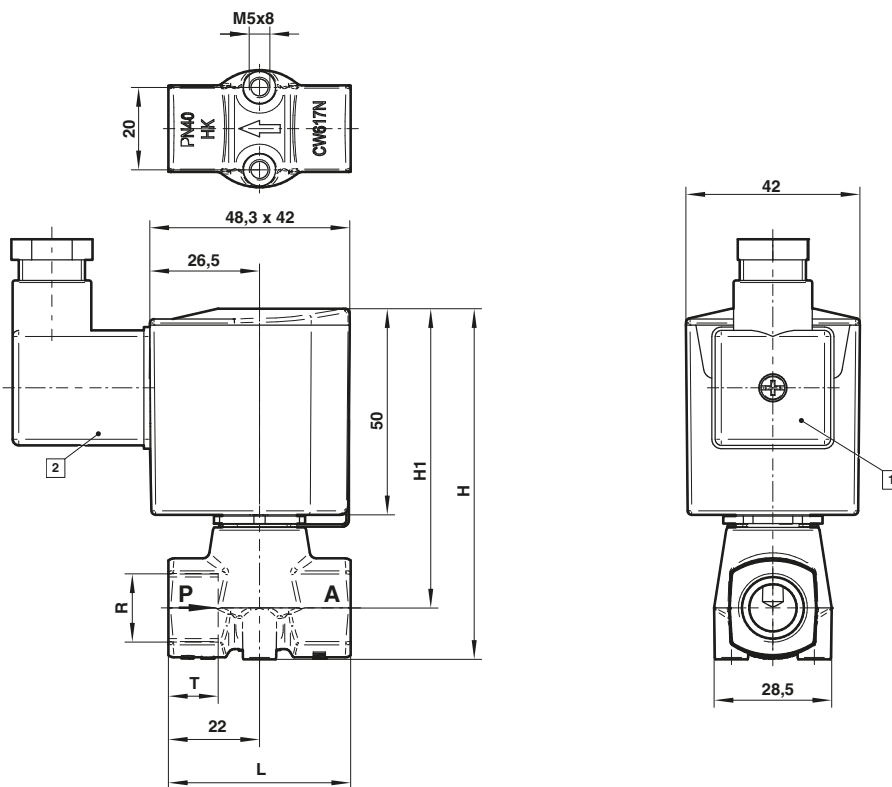
### Electrical details for all solenoid systems

<b>Design</b>	DIN VDE 0580
<b>Voltage range</b>	±10%
<b>Duty cycle</b>	100% ED
<b>Protection class</b>	EN 60529 IP65
<b>Socket</b>	Form A acc. to DIN EN 175301-803 (included)

According to DIN VDE 0580 at a solenoid temperature of +20°C.  
At operating state temperature the input power of a coil decreases by up to ca. 30% due to physical reasons.

### Dimensions

Dimensions in mm  
Projection/First angle



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

Port size R	H	H1	L	T	Model
G3/8	85	73	44	12	8251180.9151.02400

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

The valves of this series 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 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 (EMC):

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.