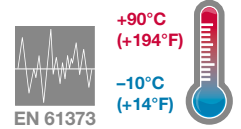


- > **Port size:**
DN 10, G1/2
- > **Functional design**
- > **Compact solenoid with integrated core tube**
- > **Valve operates without differential pressure**
- > **Shock and vibration tested to EN 61373, Category 1, class B**
- > **Voltage tolerance ±10%**



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:
G1/2, DN 10

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

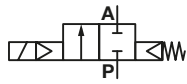
Fluid temperature:
-10 ... +90°C (+14 ... +194°F)

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

Symbol	Port size	Orifice (mm)	Valve length (mm)	Flow kv value *1) (m³/h)	Operating pressure *2) (bar)	Weight (kg)	Model Solenoid in V d.c.
	G1/2	10	60	1,7	0 ... 10	0,6	8253200.8000.02400

*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 8000					
Code Voltage	Code Frequency	Voltage	Frequency	Power consumption	
				Inrush	Holding
024	00	24 V d.c.	-	12 W	12 W

Further versions on request!

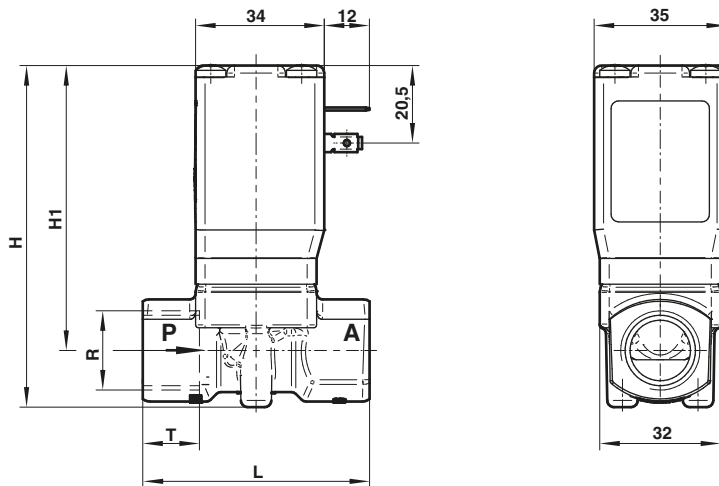
Electrical details for all solenoid systems

Design	DIN VDE 0580
Voltage range	±10%
Duty cycle	100% ED
Protection class	EN 60529 IP65
Socket	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
G1/2	90	75	60	15	8253200.8000.02400

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.