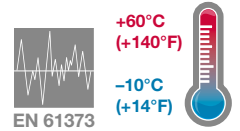


- > **Port size:**
DN 1,6; G1/8
- > **Shock and vibration tested to EN 61373, Category 1, class B**
- > **Voltage range**
16 ... 32 V



Technical features

Medium:

Air

Switching function:

Normally closed

Operation:

Directly solenoid actuated

Mounting:

Optional, preferably solenoid vertical on top

Flow direction:

Determined

Port size:

G1/8, DN 1,6

Operating pressure:

0 ... 10 bar (0 ... 145 psi)

Fluid temperature:

-10 ... +60°C (+14 ... +140°F)

Ambient temperature:

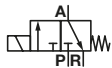
-10 ... +55°C (+14 ... +131°F)

Material:

Body: PBT

Seat seal: NBR

Technical datas

Symbol	Orifice (mm)	Port size		External A	Flow *2) (l/min)	Operating pressure (bar)	Weight (kg)	Model Solenoid in V d.c.
		Internal P	R					
	1,6	G1/8	*1)	G1/4		0 ... 10	0,22	8495237.9784.02400

*1) Noiseless exhaust

*2) Cv-value (US) ≈ kv-value x 1,2

Standard solenoid systems

Voltage and Frequency Solenoid 9784					
Code Voltage	Code Frequency	Voltage	Frequency	Power consumption	
				Inrush	Holding
024	00	24 V d.c.	-	5 W	5 W

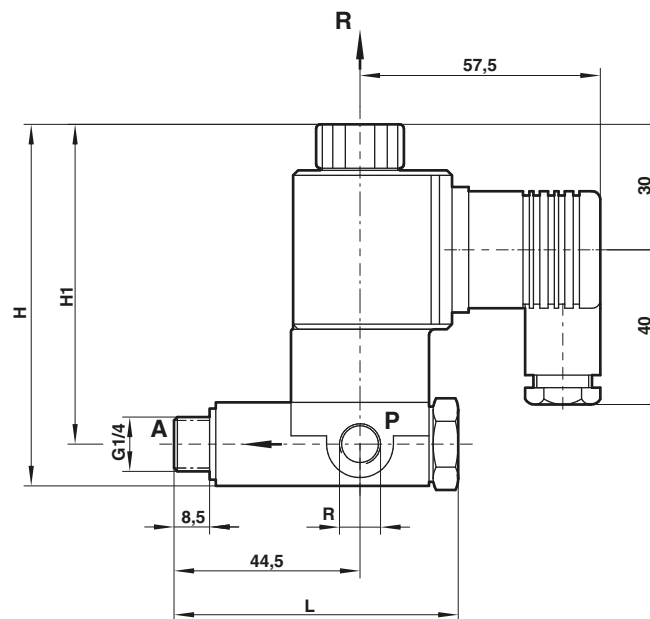
Further versions on request!

Electrical details for all solenoid systems

Design	DIN VDE 0580
Voltage range	16 ... 32 V
Duty cycle	100% ED
Protection class	EN 60529 IP65/IP00
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



Port size R	Orifice (mm)	H	H1	L	Typ
G1/8	4,5	87	77	68	8495237.9784.02400

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.