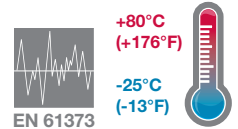


- > **Port size: 3/4"**
(ISO G/NPT)
- > **Freeze protection valve**
for automatic water
tank draining
- > **Direct acting**
- > **Wide temperature**
range
- > **Shock and vibration**
tested to EN 61373,
Category 1, class A
and B



Technical features

Medium:

Water

Operation:

Fluid temperature controlled,
automatic tank draining valve

Mounting:

Optional, solenoid preferably
mounted vertical on top

Port size:

G3/4 or 3/4 NPT

Flow direction:

Determined (P » A)

Operating pressure:

0 ... 3,5 bar (0 ... 51 psi)

Fluids:

Up to 25 mm²/s (cSt)

Fluid temperature:

+3°C (38°F)

Ambient temperature:

-25 ... +80°C (-13 ... +176°F)

Storage temperature:

-40 ... +80°C (-40 ... +176°F)

Materials:

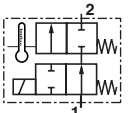
Body: CW 617N

Core and core tube: stainless steel

Internal parts: stainless steel, PTFE
and PVDF

Seat seal: EPDM

2/2 way normally closed valves

Symbol	Port size	Orifice (mm)	Flow kv value (m ³ /h)	Operating pressure (bar)	Voltage	Weight (kg)	Model
	G3/4	15	2	0 ... 3,5	d.c. only	2,6	1405985.8302.xxxxx
	3/4 NPT	15	2	0 ... 3,5	d.c. only	2,6	1405899.8302.xxxxx
	G3/4	15	2	0 ... 3,5	a.c. only	2,6	1405985.8306.xxxxx
	3/4 NPT	15	2	0 ... 3,5	a.c. only	2,6	1405899.8306.xxxxx

xxxxx Please insert voltage and frequency codes

Standard solenoid systems

Voltage and Frequency Solenoid 8302					
Code	Code	Voltage	Frequency	Power consumption	
Voltage	Frequency			Inrush	Holding
024	00	24 V d.c.	—	14 W	14 W
036	00	36 V d.c.	—	14 W	14 W
110	00	110 V d.c.	—	14 W	14 W
024	50	24 V a.c.	50 Hz	16 VA	16 VA
110	50	110 V a.c.	50 Hz	16 VA	16 VA
230	50	230 V a.c.	50 Hz	16 VA	16 VA
120	60	120 V a.c.	60 Hz	16 VA	16 VA
220	60	220 V a.c.	60 Hz	16 VA	16 VA
Voltage and Frequency Solenoid 8306					
024	00	24 V d.c.	—	14 W	14 W
036	00	36 V d.c.	—	14 W	14 W
110	00	110 V d.c.	—	14 W	14 W
024	50	24 V a.c.	50 Hz	16 VA	16 VA
110	50	110 V a.c.	50 Hz	16 VA	16 VA
230	50	230 V a.c.	50 Hz	16 VA	16 VA
120	60	120 V a.c.	60 Hz	16 VA	16 VA
220	60	220 V a.c.	60 Hz	16 VA	16 VA

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.

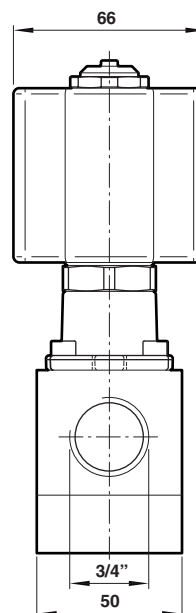
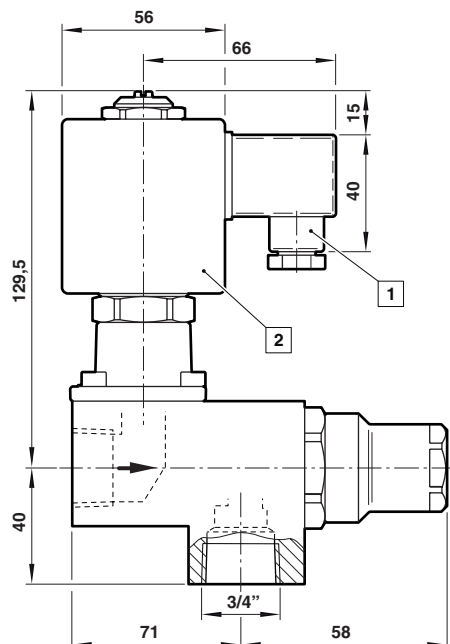
At operating state temperature the input power of a coil decreases by up to ca. 30% due to physical reasons.

Further versions on request!



Dimensions

Dimensions in mm
Projection/First angle



- 1 Connector turnable 4 x 90°
- 2 Solenoid rotatable 360°

Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI BUSCHJOST.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.