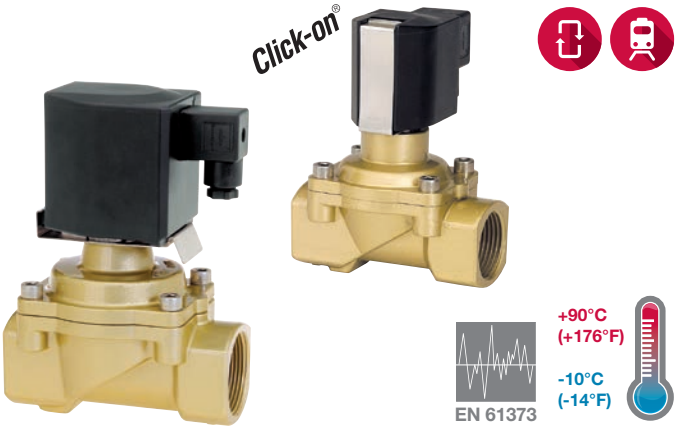
- **Port size: DN 8 ... 50, 1/4" ... 2" (ISO G/NPT)**
- **Damped operation**
- **Operation without differential pressure**
- **Suitable for vacuum**
- **High flow rate**
- **For systems with low or fluctuating pressure**
- **Brass body**
- **Wide temperature range**
- **Shock and vibration tested to EN 61373, Category 1, class A and B**



Technical features

Medium:
Neutral gases and liquids
e. g. air, water, oil
Switching function:
Normally closed
Operation:
Solenoid actuated,
with forced lifting
Mounting position:
Optional, preferably solenoid vertical on top

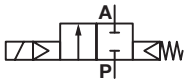
Flow direction:
Determined
Port size:
G1/4, G3/8, G1/2, G3/4, G1, G1 1/4, G1 1/2, G2 1/4 NPT, 3/8 NPT, 1/2 NPT, 3/4 NPT, 1 NPT, 1 1/4 NPT, 1 1/2 NPT, 2 NPT
Operating pressure:
See table

Fluid temperature:
–10° ... +90°C (+14° ... +194°F)
Ambient temperature:
–10° ... +50°C (+14° ... +122°F)
Storage temperature:
-40°C (-40°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Material:
Body: Brass (CW617N)
Seat seal: NBR-K
Internal parts: Stainless steel, PVDF, Brass

For contaminated fluids insertion of a strainer is recommended.

2/2 way normally closed valves

Symbol	Port size	Orifice (mm)	Flow kv value *1) (m^3/h)	Operating pressure *2) (bar)	Weight (kg)	Model Solenoid in V d.c.	Model Solenoid in V a.c.
	G1/4	8	1,9	0 ... 10	0,8	8254000.9151.xxxxx	8254000.9154.xxxxx
	G1/4	8	1,9	0 ... 16 3*)	0,8	8254000.9301.xxxxx	8254000.9304.xxxxx
	1/4 NPT	8	1,9	0 ... 10	0,8	8264000.9151.xxxxx	8264000.9154.xxxxx
	1/4 NPT	8	1,9	0 ... 16 3*)	0,8	8264000.9301.xxxxx	8264000.9304.xxxxx
	G3/8	10	3	0 ... 10	0,8	8254100.9151.xxxxx	8254100.9154.xxxxx
	G3/8	10	3	0 ... 16 3*)	0,8	8254100.9301.xxxxx	8254100.9304.xxxxx
	3/8 NPT	10	3	0 ... 10	0,8	8264100.9151.xxxxx	8264100.9154.xxxxx
	3/8 NPT	10	3	0 ... 16 3*)	0,8	8264100.9301.xxxxx	8264100.9304.xxxxx
	G1/2	12	3,4	0 ... 10	0,9	8254200.9151.xxxxx	8254200.9154.xxxxx
	G1/2	12	3,4	0 ... 16 3*)	0,9	8254200.9301.xxxxx	8254200.9304.xxxxx
	1/2 NPT	12	3,4	0 ... 10	0,9	8264200.9151.xxxxx	8264200.9154.xxxxx
	1/2 NPT	12	3,4	0 ... 16 3*)	0,9	8264200.9301.xxxxx	8264200.9304.xxxxx
	G3/4	20	5,8	0 ... 10	1	8254300.9151.xxxxx	8254300.9154.xxxxx
	G3/4	20	5,8	0 ... 16 3*)	1	8254300.9301.xxxxx	8254300.9304.xxxxx
	3/4 NPT	20	5,8	0 ... 10	1	8264300.9151.xxxxx	8264300.9154.xxxxx
	3/4 NPT	20	5,8	0 ... 16 3*)	1	8264300.9301.xxxxx	8264300.9304.xxxxx
	G1	25	8	0 ... 10	1,3	8254400.9151.xxxxx	8254400.9154.xxxxx
	G1	25	8	0 ... 16 3*)	1,3	8254400.9301.xxxxx	8254400.9304.xxxxx
	1 NPT	25	8	0 ... 10	1,3	8264400.9151.xxxxx	8264400.9154.xxxxx
	1 NPT	25	8	0 ... 16 3*)	1,3	8264400.9301.xxxxx	8264400.9304.xxxxx
	G 1 1/4	32	23	0 ... 16	4,3	8254500.9401.xxxxx	8254500.9404.xxxxx
	1 1/4 NPT	32	23	0 ... 16	4,3	8264500.9401.xxxxx	8264500.9404.xxxxx
	G 1 1/2	40	25	0 ... 16	4,3	8254600.9401.xxxxx	8254600.9404.xxxxx
	1 1/2 NPT	40	25	0 ... 16	4,3	8264600.9401.xxxxx	8264600.9404.xxxxx
	G2	50	41	0 ... 16	5,4	8254700.9401.xxxxx	8254700.9404.xxxxx
	2 NPT	50	41	0 ... 16	5,4	8264700.9401.xxxxx	8264700.9404.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 25 mm^2/s (cSt)
*3) For liquid mediums and an operating pressure > 10 bar is the maximum allowed differential pressure limited to 2 bar.

Option selector

82★4★★★.★★★★.★★★★★

Thread form	Substitute
ISO G	5
NPT	6
Port size	**Substitute**
1/4"	0
3/8"	1
1/2"	2
3/4"	3
1"	4
1 1/4"	5
1 1/2"	6
2"	7
Valve options	**Substitute**
Normally closed (NC) Standard	00
Normally open (NO), up to G1 (1 NPT) with solenoid 9150 max. 10 bar, with solenoid 9300 max. 16 bar, from G1 1/4 (1 1/4 NPT) only with solenoid 8400 max. 16 bar	01
Manual override, from G1 1/4 (1 1/4 NPT)	02
Seat seal FPM, Fluid temperature –5 ... +110°C	03
Seat seal EPDM, for hot water, Fluid temperature –10 ... +110°C	14

Frequency	Substitute
See table frequency codes	xx
Voltage	**Substitute**
See Voltage codes	xxx
Solenoid options	**Substitute**
G1/4 ... 1 Operating pressure 0 ... 10 bar Solenoid in V d.c.	9151
G1/4 ... 1 Operating pressure 0 ... 10 bar Solenoid in V a.c.	9154
G1/4 ... 1 Operating pressure 0 ... 16 bar *2) Solenoid in V d.c.	9301
G1/4 ... 1 Operating pressure 0 ... 16 bar *2) Solenoid in V a.c.	9304
G1 1/4 ... 2 Operating pressure 0 ... 16 bar Solenoid in V d.c.	9401
G1 1/4 ... 2 Operating pressure 0 ... 16 bar Solenoid in V a.c.	9404

*2) For liquid mediums and an operating pressure > 10 bar is the maximum allowed differential pressure limited to 2 bar

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.

Standard solenoid systems

Code Voltage	Code Frequency	Voltage	Frequency	Power consumption Inrush	Holding
Voltage and Frequency Solenoid 9151 *1)					
024	00	24 V d.c.	-	18 W	18 W
036	00	36 V d.c.	-	18 W	18 W
110	00	110 V d.c.	-	18 W	18 W
024	49	24 V a.c.	40 … 60 Hz	20 VA	20 VA
110	49	110 V a.c.	40 … 60 Hz	20 VA	20 VA
230	49	230 V a.c.	40 … 60 Hz	20 VA	20 VA
120	49	120 V a.c.	40 … 60 Hz	20 VA	20 VA
220	49	220 V a.c.	40 … 60 Hz	20 VA	20 VA
Voltage and Frequency Solenoid 9154 *1)					
024	00	24 V d.c.	-	18 W	18 W
036	00	36 V d.c.	-	18 W	18 W
110	00	110 V d.c.	-	18 W	18 W
024	49	24 V a.c.	40 … 60 Hz	20 VA	20 VA
110	49	110 V a.c.	40 … 60 Hz	20 VA	20 VA
230	49	230 V a.c.	40 … 60 Hz	20 VA	20 VA
120	49	120 V a.c.	40 … 60 Hz	20 VA	20 VA
220	49	220 V a.c.	40 … 60 Hz	20 VA	20 VA

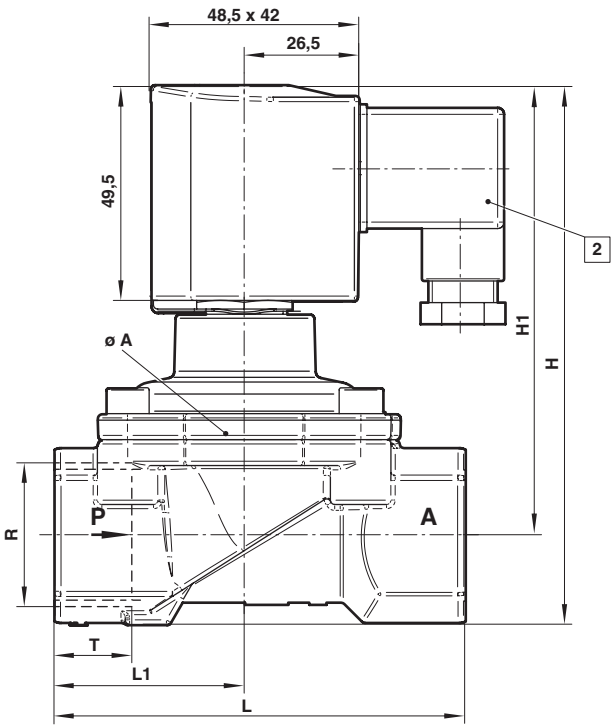
Note: a.c. achieved by using a rectifier in built with solenoid plug.

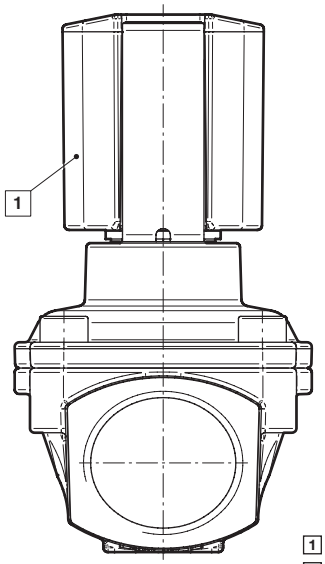
Code Voltage	Code Frequency	Voltage	Frequency	Power consumption Inrush	Holding
Voltage and Frequency Solenoid 9301 *1)					
024	00	24 V d.c.	-	18 W	18 W
036	00	36 V d.c.	-	18 W	18 W
110	00	110 V d.c.	-	18 W	18 W
024	49	24 V a.c.	40 … 60 Hz	20 VA	20 VA
110	49	110 V a.c.	40 … 60 Hz	20 VA	20 VA
230	49	230 V a.c.	40 … 60 Hz	20 VA	20 VA
120	49	120 V a.c.	40 … 60 Hz	20 VA	20 VA
220	49	220 V a.c.	40 … 60 Hz	20 VA	20 VA
Voltage and Frequency Solenoid 9304 *1)					
024	00	24 V d.c.	-	18 W	18 W
036	00	36 V d.c.	-	18 W	18 W
110	00	110 V d.c.	-	18 W	18 W
024	49	24 V a.c.	40 … 60 Hz	20 VA	20 VA
110	49	110 V a.c.	40 … 60 Hz	20 VA	20 VA
230	49	230 V a.c.	40 … 60 Hz	20 VA	20 VA
120	49	120 V a.c.	40 … 60 Hz	20 VA	20 VA
220	49	220 V a.c.	40 … 60 Hz	20 VA	20 VA

Note: a.c. achieved by using a rectifier in built with solenoid plug.

*1) c SP us coil only (with the exeption of solenoid 94xx up to 41 V a.c.)

Dimensions in mm
Projection/First angle



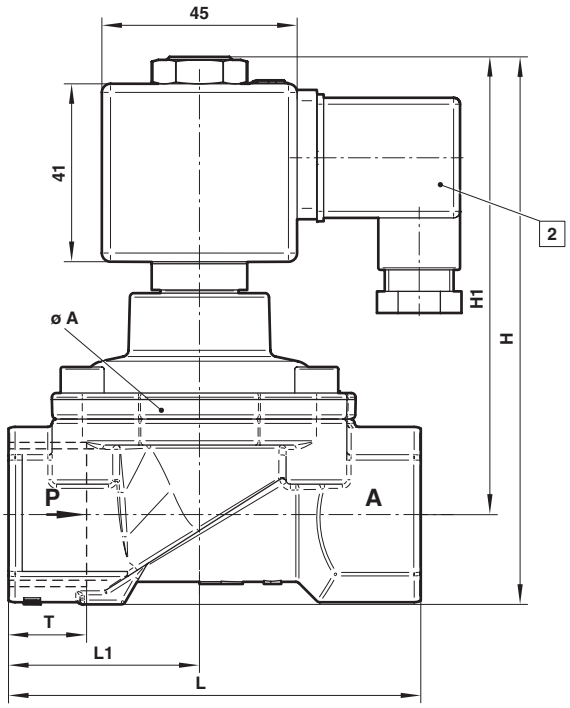


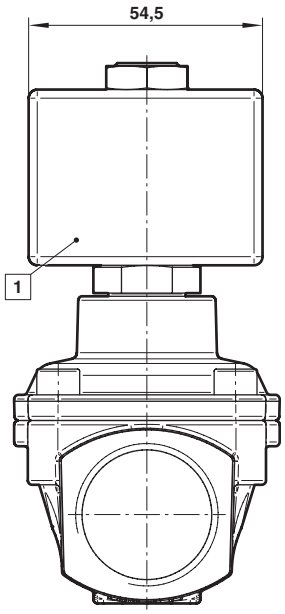
1 Solenoid rotatable 360°
2 Socket turnable 4 x 90°
(Socket included)

Port size R	ø A *1)	H	H1	L	L1	T	Model
G1/4	44	104	92,5	60	27,5	12	8254000.915x.xxxxx
1/4 NPT	44	104	92,5	60	27,5	10	8264000.915x.xxxxx
G3/8	44	104	92,5	60	27,5	12	8254100.915x.xxxxx
3/8 NPT	44	104	92,5	60	27,5	10,5	8264100.915x.xxxxx
G1/2	44	108	94,5	67	31	14	8254200.915x.xxxxx
1/2 NPT	44	108	94,5	67	31	13,5	8264200.915x.xxxxx
G3/4	50	115	99	80	36,5	16	8254300.915x.xxxxx
3/4 NPT	50	115	99	80	36,5	14	8264300.915x.xxxxx
G1	62	124	103,5	95	44	18	8254400.915x.xxxxx
1 NPT	62	124	103,5	95	44	17	8264400.915x.xxxxx

*1) ø A = max. depth

Dimensions in mm
Projection/First angle





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

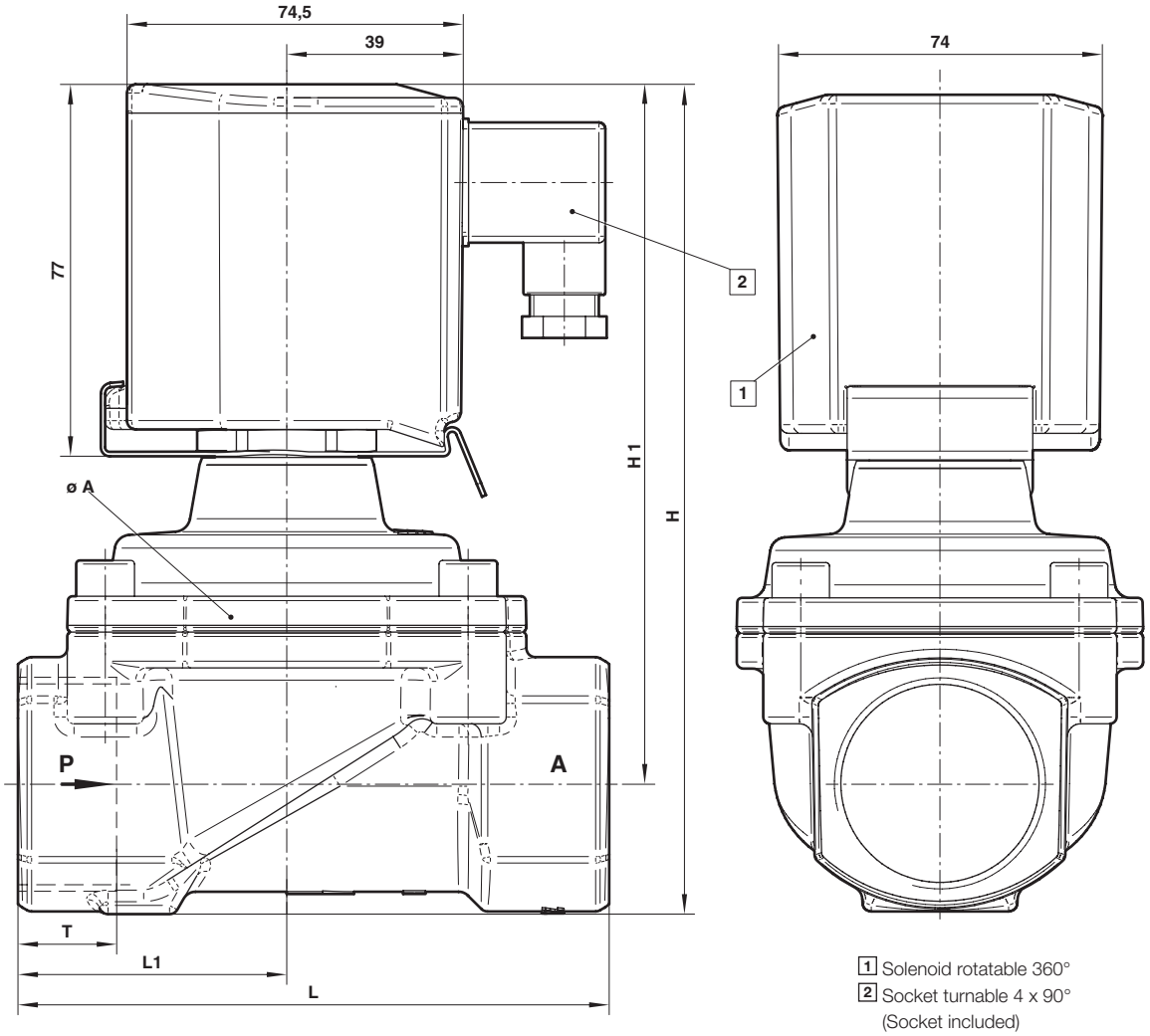
Port size R	ø A *1)	H	H1	L	L1	T	Model
G1/4	44	104	92,5	60	27,5	12	8254000.930x.xxxxx
1/4 NPT	44	104	92,5	60	27,5	10	8264000.930x.xxxxx
G3/8	44	104	92,5	60	27,5	12	8254100.930x.xxxxx
3/8 NPT	44	104	92,5	60	27,5	10,5	8264100.930x.xxxxx
G1/2	44	108	94,5	67	31	14	8254200.930x.xxxxx
1/2 NPT	44	108	94,5	67	31	13,5	8264200.930x.xxxxx
G3/4	50	115	99	80	36,5	16	8254300.930x.xxxxx
3/4 NPT	50	115	99	80	36,5	14	8264300.930x.xxxxx
G1	62	124	103,5	95	44	18	8254400.930x.xxxxx
1 NPT	62	124	103,5	95	44	17	8264400.930x.xxxxx

*1) ø A = max. depth

Dimensions

Dimensions in mm
Projection/First angle

G1 1/4 ... 1 with solenoid 940x (16 bar)
1 1/4 ... 1 NPT with solenoid 940x (16 bar)

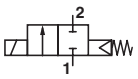


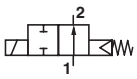
1 Solenoid rotatable 360°
2 Socket turnable 4 x 90°
(Socket included)

Port size R	ø A *1)	H	H1	L	L1	T	Model
G1 1/4	92	186	157	132	60	20	8254500.940x.xxxxx
1 1/4 NPT	92	186	157	132	60	17	8264500.940x.xxxxx
G1 1/2	92	186	157	132	60	22	8254600.940x.xxxxx
1 1/2 NPT	92	186	157	132	60	17	8264600.940x.xxxxx
G2	109	201,5	167	160	74	24	8254700.940x.xxxxx
2 NPT	109	201,5	167	160	74	17,5	8264700.940x.xxxxx

*1) ø A = max. depth

Special applications

Symbol	Application	Port size	Orifice (mm)	Flow kv value (m^3/h)	Operating pressure (bar)	Fluid temperature	Ambient/ Pilot temperature	Sealing	Voltage (V d.c.)	Model
	Draining of water tanks	G1/2	10	2,1	0 … 5	0 ... +50°C	-30 ... +50°C	EPDM	24	8493747.8484.02400
	Draining of water tanks	G1/2	10	2,1	0 … 5	0 ... +50°C	-30 ... +50°C	EPDM	110	8493747.8484.11000
	Draining of water tanks	G3/4	20	6,5	0 … 0,1	0 ... +50°C	-30 ... +50°C	EPDM	24	8493469.8476.02400
	Draining of water tanks	G3/4	20	6,5	0 … 0,1	0 ... +50°C	-30 ... +50°C	EPDM	110	8493469.8476.11000
	Water supply	G3/4	20	6,5	0 … 0,1	0 ... +50°C	-30 ... +50°C	EPDM	110	8495908.9785.11000
	Draining of water tanks	G1	25	11	0 … 0,3	0 ... +50°C	0 ... +50°C	EPDM	24	8496733.9785.02400
	Draining of water tanks	G1	25	11	0 … 0,3	0 ... +50°C	0 ... +50°C	EPDM	110	8496733.9785.11000
	Valve with manual override	G1	25	10	0 … 0,3	0 ... +50°C	0 ... +50°C	EPDM	110	8496680.9785.11000

Symbol	Application	Port size	Orifice (mm)	Flow kv value (m^3/h)	Operating pressure (bar)	Fluid temperature	Ambient/ Pilot temperature	Sealing	Voltage (V d.c.)	Model
	Warm water heating /NO	G1/2	12	3,6	0 … 16	0 ... +90°C	0 ... +50°C	NBR	101,5 ... 147,5	8496864.9785.12000
	Warm water heating /NO	G3/4	20	10	0 … 16	0 ... +90°C	0 ... +50°C	NBR	101,5 ... 147,5	8496865.9785.12000
	Warm water heating /NO	G1	25	12,5	0 … 16	0 ... +90°C	0 ... +50°C	NBR	101,5 ... 147,5	8496866.9785.12000

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.

2/2-way valves DN 8 to DN 50

For neutral gases and liquids
Solenoid actuated, with forced lifting
Piston valves
Internal threads G 1/4 to G 2 or 1/4 NPT to 2 NPT
Operating pressure 0 to 25 bar (40 bar)

OBSOLETE DOCUMENT
Technical Reference Only

85700
85710

Description (standard valve)

Solenoid valve for e. g. air, water, oil

Switching function:	normally closed
Flow direction:	determined
Fluid temperature:	–20 °C up to max. +90 °C
Ambient temperature:	–20 °C up to max. +50 °C
Mounting position:	optional, preferably solenoid vertical on top

Click-on®

Material

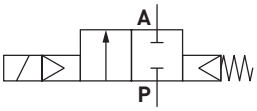
Body:	Brass (CW617N)
Seat seal:	NBR
Internal parts:	Stainless steel, PTFE/Carbon

For contaminated fluids insertion of a strainer is recommended.

Features

- High flow rate
- For robust industry solutions
- Damped operation
- Suitable for vacuum
- For systems with low or fluctuating pressure
- Valve operates without differential pressure
- Solenoid interchangeable without tools (*Click-on*®) up to G 1 thread
- Stainless steel piston

Symbol



Ordering information

To order, quote model number from table overleaf, e. g. 8570400.9401 for a DN 25 valve.

Buschjost GmbH
Valve Technology and Systems

Detmolder Straße 256
D-32545 Bad Oeynhausen
PO Box 100252-53
D-32502 Bad Oeynhausen

Phone ++49 5731/791-0
Fax ++49 5731/791-179
www.buschjost.com
mail@buschjost.com

Characteristic Data

Valves

Part Number Solenoid with 1	Part Number Solenoid with 2	Nominal Diameter (mm)	Connection Size	Operating Pressure * min.	max. (bar)	kv-value ** (Base m³/h)	Weight Total (kg)
8570000.9401 8571000.9401	8570000.9404 8571000.9404	8	G 1/4 1/4 NPT	0	25	2.2	2.4
8570100.9401 8571100.9401	8570100.9404 8571100.9404	10	G 3/8 3/8 NPT	0	25	3.4	2.4
8570200.9401 8571200.9401	8570200.9404 8571200.9404	12	G 1/2 1/2 NPT	0	25	4.4	2.5
8570300.9401 8571300.9401	8570300.9404 8571300.9404	20	G 3/4 3/4 NPT	0	25	7.0	2.7
8570400.9401 8571400.9401	8570400.9404 8571400.9404	25	G 1 1 NPT	0	25	10.5	3.1
8570500.8401 8571500.8401	8570500.8404 8571500.8404	32	G 1 1/4 1 1/4 NPT	0	25	25.0	5.6
8570600.8401 8571600.8401	8570600.8404 8571600.8404	40	G 1 1/2 1 1/2 NPT	0	25	27.0	5.4
8570700.8401 8571700.8401	8570700.8404 8571700.8404	50	G 2 2 NPT	0	25	43.0	6.8

* for gases and liquid fluids up to 40 mm²/s (cSt)
** C_V-value (US) ≈ k_V-value x 1.2

State voltage [V] and frequency [Hz]

Solenoid 9401 / 9404 and 8401 / 8404

Standard voltage

DC ⎓	AC ∼ 40 Hz – 60 Hz	
24 V	24 V	–
–	110 V	120 V
–	230 V	220 V

Design acc. to DIN VDE 0580
Voltage range ±10 %
100 % duty cycle
Protection class acc. to EN 60529 IP65
Socket Form A acc. to DIN EN 175301-803 (included)
AC with rectifier plug

Power Consumption

According to DIN VDE 0580 at coil temperature of +20 °C. In operation the power consumption of the solenoid decreases by approx. 30 %.

Solenoid	DC ⎓	AC ∼ Inrush	Holding
9401 *	38 W		
9404 *		42 VA	42 VA
8401	40 W		
8404		45 VA	45 VA

* cULus coil only
(with the exeption of solenoid 94xx up to 41 V AC)

Attention!
The conditions imposed on the Ex approvals lead to reduction of the permissible standard temperature ranges in the cases of explosion protected solenoids.

Further Options (Valves)

XXXXX**01**.XXXX Normally open, vertical on top, only with solenoid 8400

XXXXX**02**.XXXX Manual override

XXXXX**03**.XXXX Seat seal FPM, Fluid temperature –10 °C up to max. +110 °C 1)

XXXXX**06**.XXXX Seat seal PTFE, Fluid temperature max. + 110 °C 1), operating pressure max. 25 bar

XXXXX**14**.XXXX Seat seal EPDM, max. Fluid temperature +110 °C

XXXXX**17**.XXXX Normally open, Seat seal FPM, Fluid temperature –10 °C up to max. +110 °C 1), Mounting position: vertical on top, only with solenoid 8400

XXXXX**22**.XXXX max. operating pressure 40 bar

XXXXX**23**.XXXX Position indicator with two solenoid sensors, only with solenoid 8400

XXXXX**25**.XXXX Seat seal FPM, with larger bleed orifices in the piston, for fluids such as fuel and oil , viscosity max. 80 mm2/s (cSt), Fluid temperature –10 °C up to max. +110 °C

XXXXX**92**.XXXX Degreased version, suitable for oxygen operating, the BAM approval up to 25 bar for oxygen is available.

On request Further versions

Further Options (Solenoids)

XXXXXXX.**8441** Protection class ⟨Ex⟩ II 2 GD EEx me II T3 T 140 °C

XXXXXXX.**9426*** Protection class ⟨Ex⟩ II 3 GD EEx nA II T4 T 135 °C

XXXXXXX.**8426*** Protection class ⟨Ex⟩ II 3 GD EEx nA II T4 T 135 °C

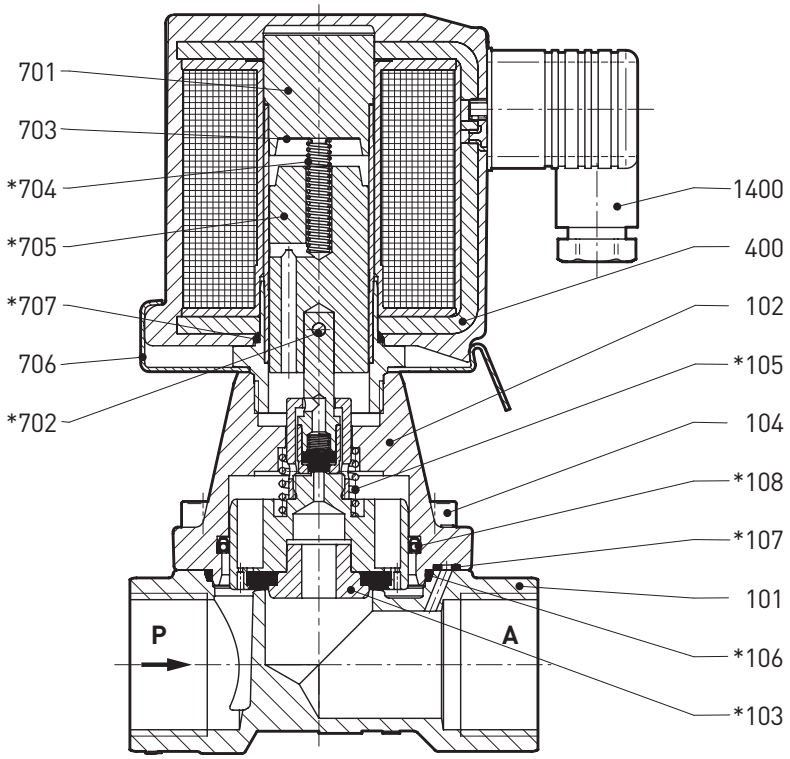
On request Further versions

* DC only, for AC solenoids with design inspection certificate acc. to category 2, e. g. xxxxxxx.8441
[1] Up to max. 200 °C fluid temperature with solenoid for higher temperature

Section View

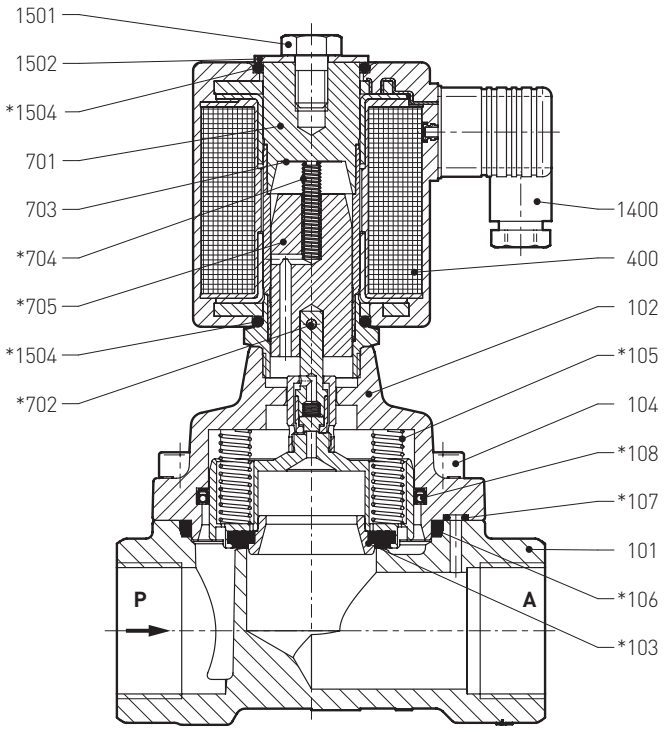
up to G 1 resp. 1 NPT

101 Valve body
102 Valve cover
*103 Valve piston
104 Socket head cap screw
*105 Pressure spring
*106 O-ring
*107 O-ring
*108 Grooved ring
400 Solenoid
701 Core tube
*702 Straight pin
703 Round plate
*704 Pressure spring
*705 Core
706 Spring clip
*707 O-ring
1400 Socket (included)



from G 1 1/4 resp. 1 1/4 NPT

101 Valve body
102 Valve cover
*103 Valve piston
104 Socket head cap screw
*105 Pressure spring (2x)
*106 O-ring
*107 O-ring
*108 Grooved ring
400 Solenoid
701 Core tube
*702 Straight pin
703 Round plate
*704 Pressure spring
*705 Core
1400 Socket (included)
1501 Hexagon screw
1502 Round plate
*1504 O-ring (2x)

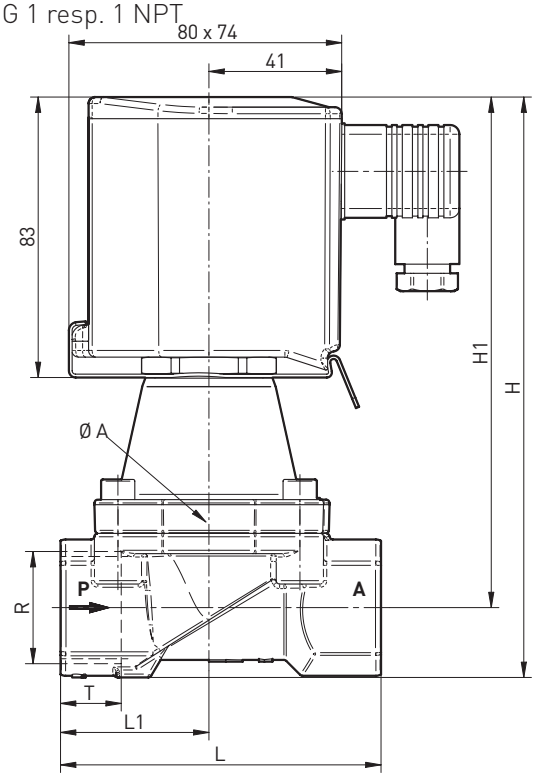


* These individual parts form a complete wearing unit.
When ordering spare parts please state Cat. No. and Series No.

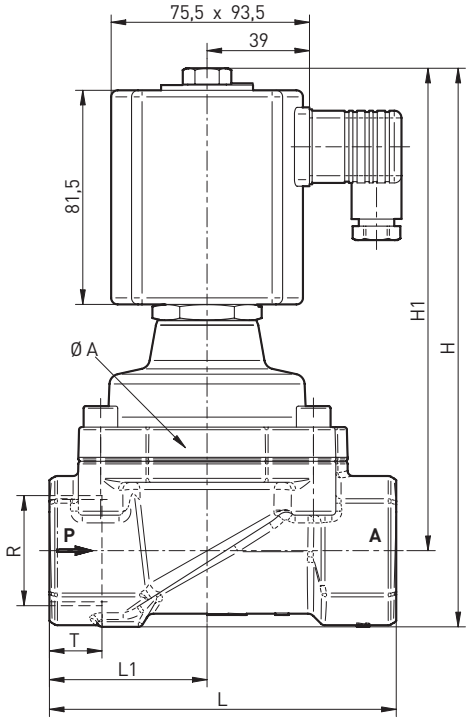
General Dimensions

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

up to G 1 resp. 1 NPT



from G 1 1/4 rep. 1 1/4 NPT



Part Number	Nominal Diameter (mm)	Connection Size	A (mm)	H (mm)	H 1 (mm)	L (mm)	L 1 (mm)	T (mm)
8570000.940x 8571000.940x	8	G 1/4 1/4 NPT	44	152.0	140.5	60	27.5	12.0 10.0
8570100.940x 8571100.940x	10	G 3/8 3/8 NPT	44	152.0	140.5	60	27.5	12.0 10.5
8570200.940x 8571200.940x	12	G 1/2 1/2 NPT	44	154.5	140.5	67	31.0	14.0 13.5
8570300.940x 8571300.940x	20	G 3/4 3/4 NPT	50	162.0	146.5	80	35.5	16.0 14.0
8570400.940x 8571400.940x	25	G 1 1 NPT	62	183.0	162.0	95	44.0	18.0 17.0
8570500.840x 8571500.840x	32	G 1 1/4 1 1/4 NPT	92	212.5	183.5	132	60.0	20.0 17.0
8570600.840x 8571600.840x	40	G 1 1/2 1 1/2 NPT	92	212.5	183.5	132	60.0	22.0 17.0
8570700.840x 8571700.840x	50	G 2 2 NPT	109	226.5	192.0	160	74.0	24.0 17.5

Note to Pressure Equipment Directive (PED):
The valves of this series, including the connection size DN 25 (G 1), 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 wellknown in the member countries.

The CE-sign at the valve refers not to the PED. Thus the declaration of conformity is not longer applicable for this directive.

For valves > DN 25 (G 1) Art. 3 § (1) No.1.4 applies.
The basic requirements of the Enclosure I of the PED must be fulfilled. The CE-sign at the valve includes the PED. A certificate of conformity of this directive will be available on request.

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/EG) satisfield.