

3/2-way valves DN 1.6 and DN 3.0

Pilot valve for pressure actuated valves
Indirectly solenoid actuated
Seat valve
Connection P female thread G 1/4; connection A male thread G 1/4
Operating pressure: 1 to 10 bar

Description (standard valve)

Solenoid valve for filtered, lubricated or non-lubricated compressed air or neutral liquids
Switching function: normally closed
Flow direction: determined
Fluid temperature: -10 °C up to max. +60 °C
Ambient temperature: -10 °C up to max. +60 °C
Mounting position: as required, preferably with solenoid vertical on top

Material

Body: Brass
Seat seal: TPU
Internal parts: Stainless steel, PPS

Features

- Compact design
- Complete with connector and gasket
- Interchangeable solenoid system
- Silenced exhaust
- Low power consumption

Technical data

Connection size G*	DN mm	Flow l/min	Switching time** ms		Part number***	Operating pressure bar		
			On	Off		TPU 00	Normally open 01	Manual override 02
1/4	1.6	1.2	8.5	30.4	84660XX.9101.00000	1 - 10	-	1 - 10
1/4	3.0	3.3	15.0	81.9	84680XX.9151.00000	1 - 10	1 - 10	1 - 10

*** P = G 1/4 internal

A = G 1/4 external

R = Silenced exhaust to atmosphere

*** For 6 bar according to DIN VDI 3290 with solenoid for DC

*** For orders please state voltage and frequency, e.g.: 8466000.9101.23050 for 230V 50Hz or 8466000.9101.02400 for 24V DC

Solenoid 9101 / 9151 (standard voltages)

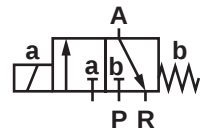
DC	AC	
	50Hz	60Hz
24V	24V	-
-	110V	120V
	230V	220V

Power consumption

Solenoid	DC	AC	
		Inrush	Holding
9101	8W	15VA	12VA
9151	18W	45VA	35VA

Design according to DIN VDE 0580
Voltage range +/-10%, duty cycle 100%
Protection class according to EN 60529: IP65
Electrical connector according to DIN EN 175301-803 (included)
The solenoids are UL listed and CSA approved

Click-on®
Solenoid interchangeable without tools

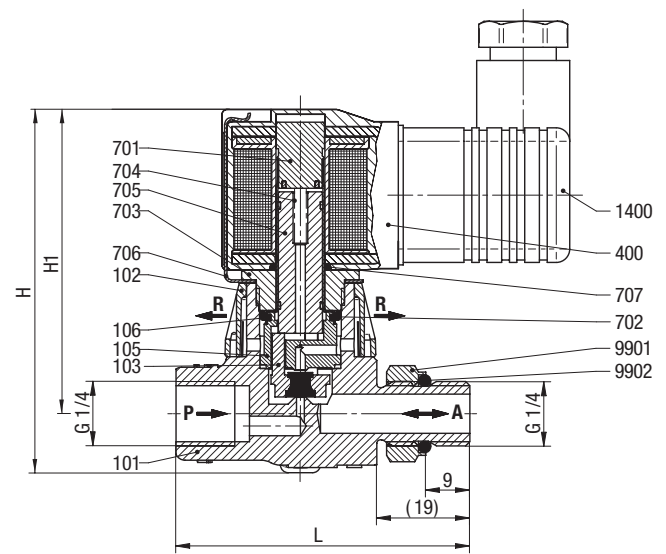


Drawing legend

Index	Description
101	Valve body
102	Protective cap
*103	Valve plate
105	O-ring
*106	O-ring
400	Solenoid
701	Core tube
702	O-ring
703	Screw piece
*704	Pressure spring
*705	Plunger
706	Spring clip
707	O-ring
1400	Electrical connector
9901	Hexagon nut
9902	Gasket

* A service kit consists of these individual parts.

With solenoid 9101



Solenoid 9101

Connection size G	L mm	H mm	H1 mm
1/4	60	73.6	61.5

Drawing legend

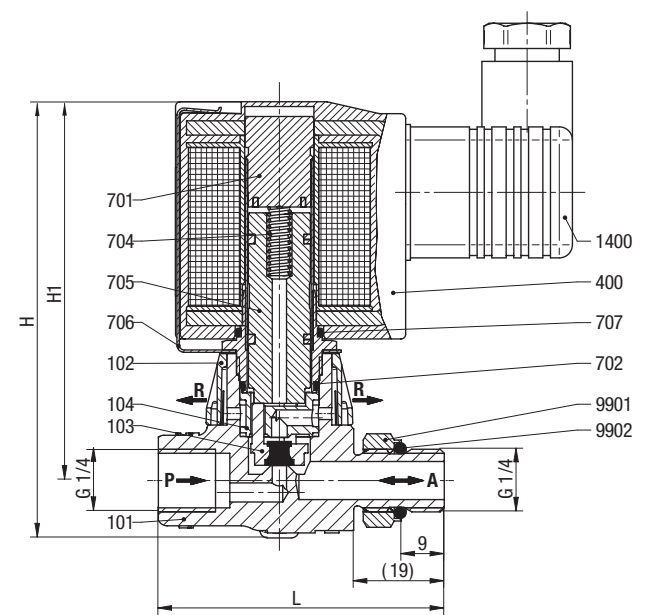
Index	Description
101	Valve body
102	Protective cap
*103	Valve plate
104	Valve seat
400	Solenoid
701	Core tube
*702	O-ring
*704	Pressure spring
706	Spring clip
707	O-ring
1400	Electrical connector
9901	Hexagon nut
9902	Gasket

* A service kit consists of these individual parts.

Solenoid 9151

Connection size G	L mm	H mm	H1 mm
1/4	60	91.0	79.0

With solenoid 9151



Service kits

For valves	Part number
8466000	1260613
8468000	1260615

Further options (valves)

XXXXX**53**.XXXX Connection P female thread G 1/8,
 connection A male thread G 1/8

Further options (Solenoids for series 84660)

XXXXXXX.**9136** Solenoid in protection class  II 2 GD EEx m II T4 T 130 °C,
 with 3 m connection cable

Further options (Solenoids for series 84680)

XXXXXXX.**9191** Solenoid in protection class  II 2 GD EEx me II T3 T 140 °C

Further options on request

Please turn to page 276 for technical information on our valves.