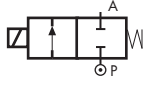
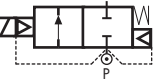


# ADV Series, Compressed Air – with Solenoid Valves

Specifications <sup>1</sup>	
Function (single acting)	 <p>Direct Acting flow direction overseat 1 → 2</p>
	 <p>Pilot Operated flow direction overseat 1 → 2</p>
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Brass CW617N (EN 12165)
Flange	Stainless Steel 1.4305 EN 10088 (AISI 303)
Tube	Stainless Steel AISI 304
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel 302
Seal Material (Std)	FKM
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class F 155 °C
Power Rating (Standard)	AC 18 VA (holding)
	AC 36 VA (inrush)
	DC 14 W

<sup>1</sup> For more information about detailed solenoid valve and timer please refer to each single datasheet.

## Options Available

ADV Options <sup>2</sup>
Strainers, NPT thread, impregnated coils with additional protection by impregnation with Loctite® Resinol RTC for humid environments

<sup>2</sup> ADV code changes depending on the required options codes in the selection table refer to the listed combination of components only.

## Features and Benefits

- Preassembled systems consisting of solenoid valve, timer and connector
- Application: time adjusted condensate discharge of tanks with compressed air, separators, mains drainage, dryers and filters
- Direct acting and pilot operated valve
- Adjustable to suit your system requirements
- Indoor / outdoor installations
- Reliable, long life
- Cost effective
- Visual indication of operation
- Manual override - test button
- Discharge time (timer ON): from 0.5 to 10 s
- Interval time (timer OFF): from 30 s to 45 minutes

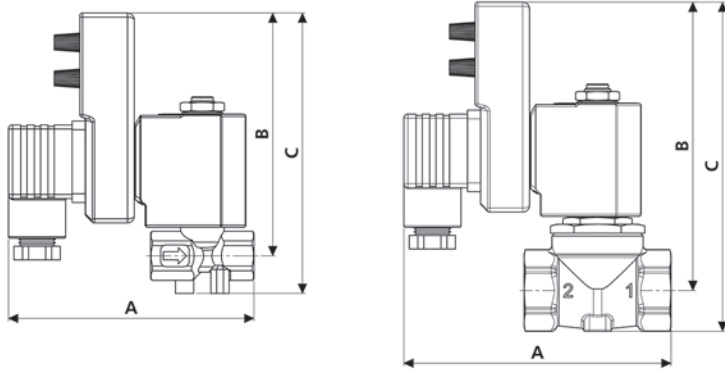


Pipe Size	OPD (bar)		Orifice (mm)	Valve Code	Conn. Code	Timer Code	Coil code	ADV Code <sup>2</sup>
	AC Volt	DC Volt						
With Direct Acting Solenoid Valves								
¼"	0 - 18	-	2.2	D249DVF	600 011-	AT2000C02I	7400	888 120 00-
¼"	0 - 18	-	2.2	D249DVF	600 011-	AT2000C02I	7700	888 121 00-
¼"	-	0 - 16	2.2	D249DVF	600 011-	AT2000C02I	7250	888 122 00-
With Pilot Operated Solenoid Valves								
¼"	0.1 - 16	-	10.5	D264DVU	600 011-	AT2000C02I	7400	888 123 00-
¼"	0.1 - 16	-	10.5	D264DVU	600 011-	AT2000C02I	7700	888 124 00-
¼"	-	0.1 - 7	10.5	D264DVU	600 011-	AT2000C02I	7250	888 125 00-
⅜"	0.1 - 16	-	10.5	D265DVU	600 011-	AT2000C02I	7400	888 126 00-
⅜"	0.1 - 16	-	10.5	D265DVU	600 011-	AT2000C02I	7700	888 127 00-
⅜"	-	0.1 - 7	10.5	D265DVU	600 011-	AT2000C02I	7250	888 128 00-
½"	0.1 - 16	-	10.5	D266DVU	600 011-	AT2000C02I	7400	888 129 00-
½"	0.1 - 16	-	10.5	D266DVU	600 011-	AT2000C02I	7700	888 130 00-
½"	-	0.1 - 7	10.5	D266DVU	600 011-	AT2000C02I	7250	888 131 00-

Seal Material <sup>3</sup> and media temperature range	Media	Ambient Temperature Range	
		Min	Max
FKM (-10 °C to +130 °C)	Water, oil, air	-10 °C	+50 °C

<sup>3</sup> See corrosion reference guide and sealing solutions for material compatibility.

## ADV Series, Compressed Air – with Solenoid Valves



Valve Series	A	B	C	Weight (kg)
D248/249	90	89	103	-
D264/265/266	98	106	121	-

Dimensions (mm)

### Solenoid enclosures

#### 7--0 Type Coil - Insulation class F

External material: PBT (reinforced fiberglass 30%)  
 Electrical connection: DIN EN 175301-803 form A  
 Winding insulation: Class H (E180)  
 Enclosure classification: Conforms to IP65 (according to EN 60529)  
 with plug and gasket correctly fitted\*



\* Plug and gasket not supplied as standard, must be ordered separately.

#### Type 600 011- Plug

Rated Voltage (max.): 250 VAC / 300 VDC  
 Nominal Current: 10A (rated) / 16A (max)  
 Wire cross-section: 1.5 mm<sup>2</sup> max  
 Cable Entry: PG9 (6 to 8 mm)  
 Enclosure classification: Conforms to IP65 (according to EN 60529)  
 with supplied gasket  
 Insulation class: group C- VDE 0110  
 Housing colour: black  
 UL approved, file No: E205538

