

# Asco™ Solenoid Valves - Latching Coil

2 way, NC, Direct Operated, 1/8" or 1/4" Tapped

Series  
256 C

## Features & Benefits

- Wide range of flow and pressure ratings
- Quick disassembly of core tube for easy maintenance of internal parts
- Standard disc seal made of FPM, suitable for a wide range of operating temperatures and compatible with many fluids
- Compact and low weight valve
- The solenoid valves satisfy all relevant EU and EAC directives

## General

<b>Differential pressure</b>	See «SPECIFICATIONS» [1 bar =100 kPa]
<b>Ambient temperature range</b>	-10°C to +60°C (14°F to 140°F)
<b>Maximum viscosity</b>	40 cSt (mm <sup>2</sup> /s)
<b>Response time</b>	15 to 85 ms (1/8" version) 25 - 90 ms (1/4" version)

fluids (*)	temperature range (TS) <sup>1</sup>	materials (*)
air, inert gas, water, oil	0°C to +130°C (32°F to 266°F)	FPM (fluoroelastomer)

## Materials in contact with fluid General

(\*) Ensure that the compatibility of the fluids in contact with the materials is verified

<b>Body</b>	Brass
<b>Core tube</b>	Stainless steel
<b>Core and plugnut</b>	Stainless steel
<b>Springs</b>	Stainless steel
<b>Seal</b>	FPM or EPDM
<b>Disc</b>	FPM or EPDM
<b>Seat</b>	Brass

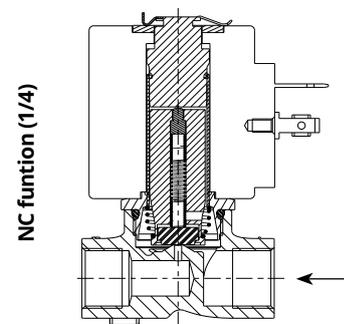
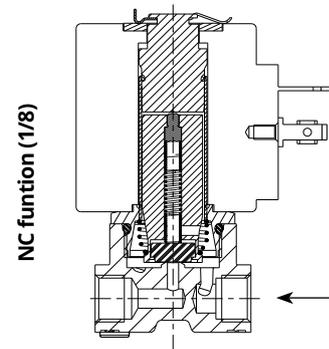
## Electrical characteristics

<b>Coil insulation class</b>	A
<b>Connector</b>	Spade plug (cable Ø 6-8 mm or Ø 6-10 mm)
<b>Connector specification</b>	ISO 4400 / EN 175301-803, form A
<b>Electrical safety</b>	IEC 335
<b>Electrical enclosure protection</b>	Moulded IP65 (EN 60529) with plug-connector
<b>Standard voltages</b>	DC (=) : 12 - 24V (+10% -5%)
<b>Operator ambient temperature range</b>	-10°C to +60°C

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EAC CE



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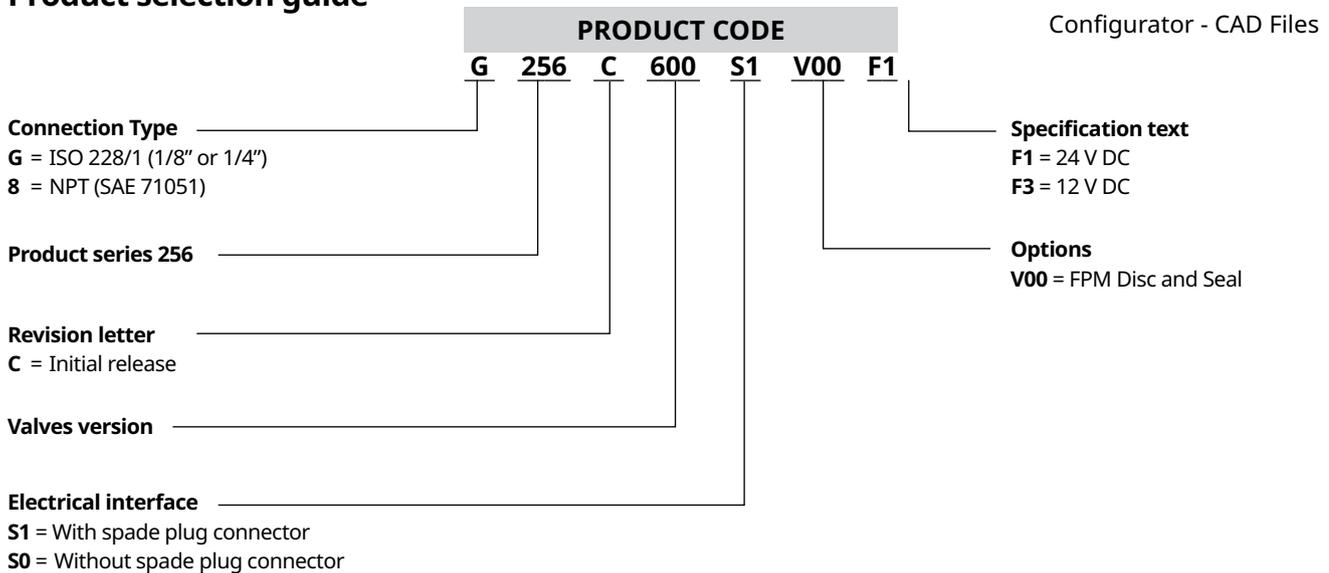
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## Specifications

										15-DIGIT PRODUCT CODE			
pipe size	orifice size	flow coefficient Kv		operating pressure differential bar			power coil (W)	thread type	dimensions / type <sup>(2)</sup>	brass	options	voltage code	
				min.	max.							24V/DC	12V/DC
		air/ water /oil *	=										
mm	m <sup>3</sup> /h	l/min				=	=						
<b>NC - Normally closed</b>													
1/8	2.4	0.15	2.5	0	8	3	G	02	G256C600S0	V00	F1	F3	
							NPT	02	8256C600S0				
1/4	2.4	0.16	2.7	0	9	3	G	02	G256C601S0				
							NPT	02	8256C601S0				

## Product selection guide



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## Installation

- The solenoid valves can be mounted in any position without affecting operation
- Solenoid valves have 2 mounting holes in body
- Thread connection "8" have standard thread = NPT (SAE 71051)
- Installation/maintenance instructions are included with each valve

## Dimensions mm (inches)

### TYPE 02

Electrical interface "S1"

Coil size 30 mm - Thermoplastic moulded

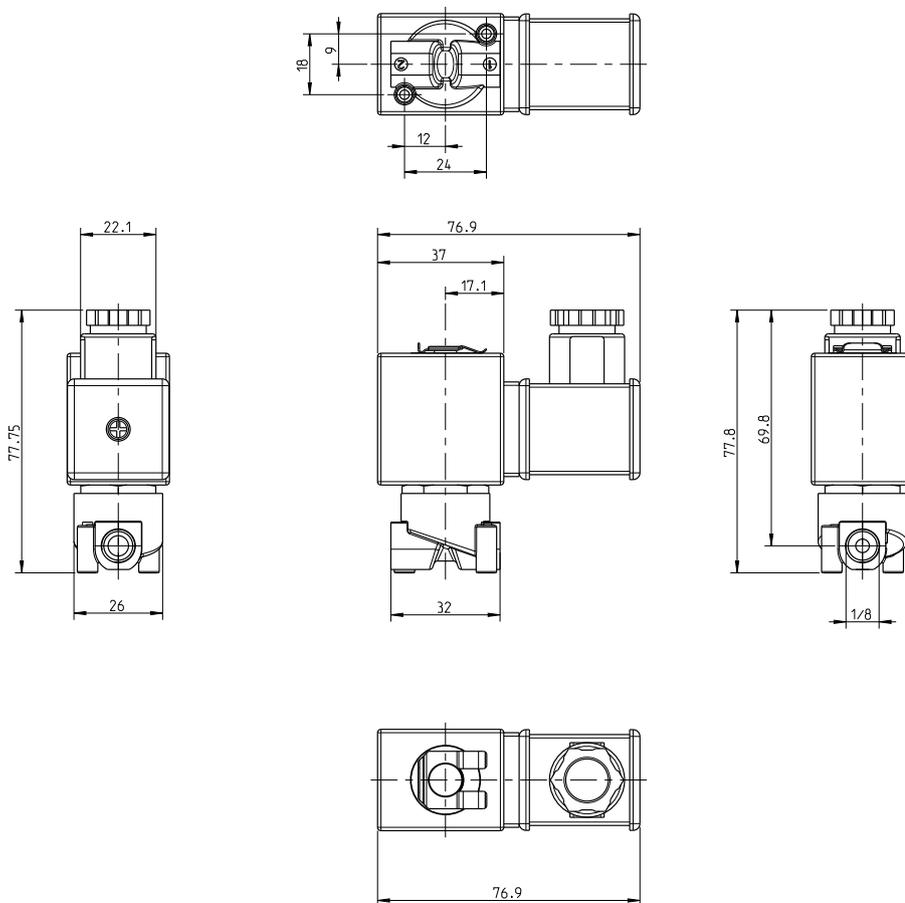
IEC 335 / ISO 4400

IP65

NC (1/8"): 256C600



Configurator - CAD Files



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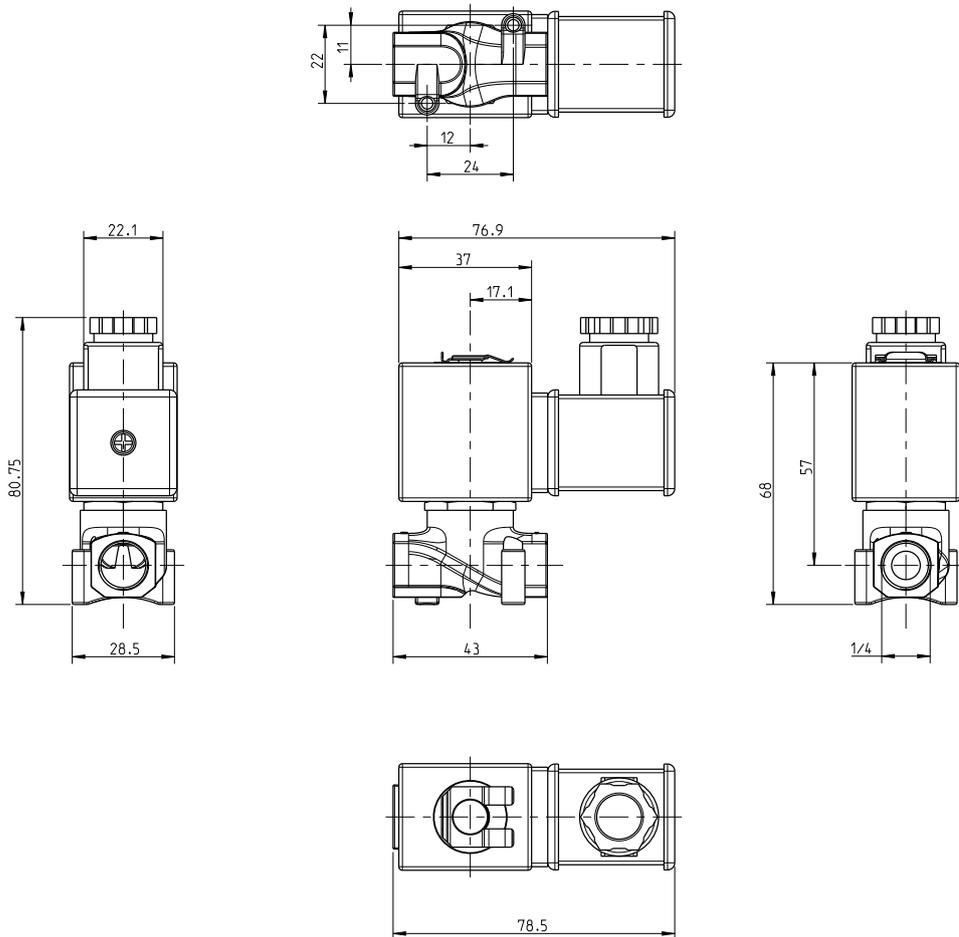
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Dimensions mm (inches) 

Configurator - CAD Files

NC (1/4"): 256C601



Availability, design and specifications are subject to change without notice.  
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