

# 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

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

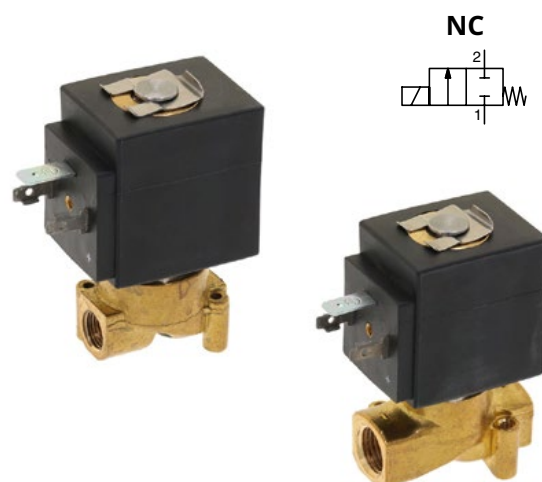
(\*) Ensure that the compatibility of the fluids in contact with the materials is verified

Body	Brass
Core tube	Stainless steel
Core and plugnut	Stainless steel
Springs	Stainless steel
Seal	FPM or EPDM
Disc	FPM or EPDM
Seat	Brass

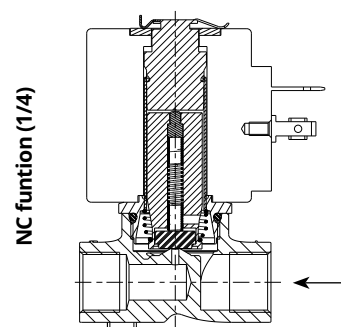
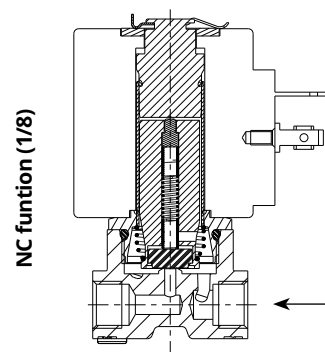
## Electrical characteristics

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

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EAC CE



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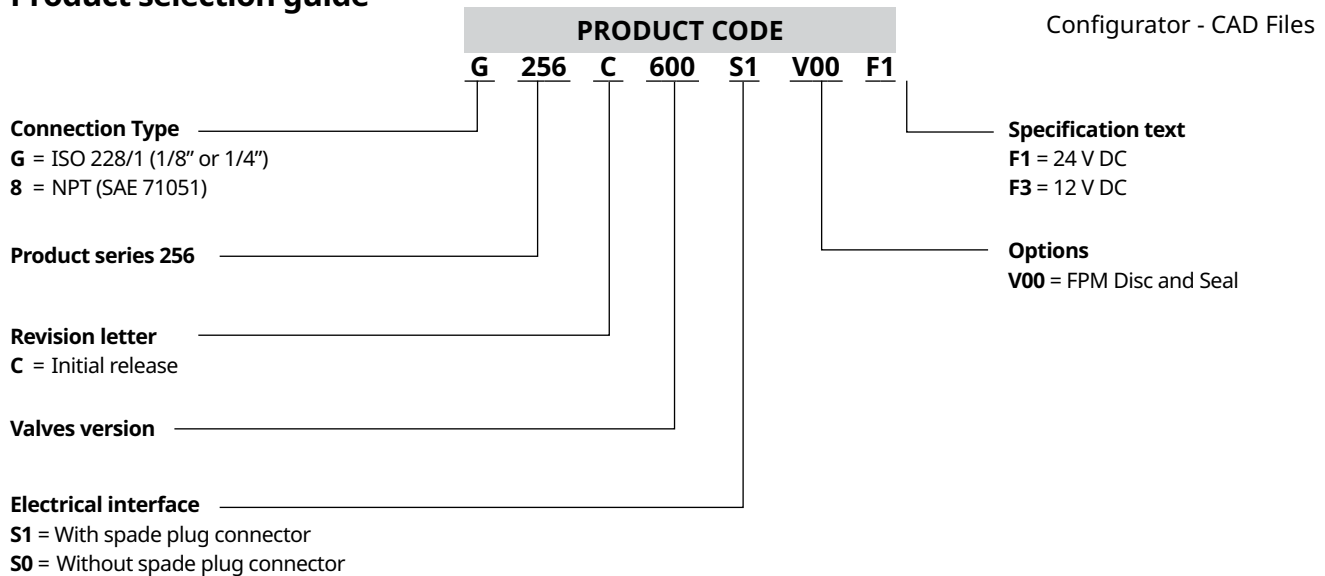
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## Specifications

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.							
					air/ water /oil *							
	=	=										
mm	m3/h	l/min	NC - Normally closed									
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

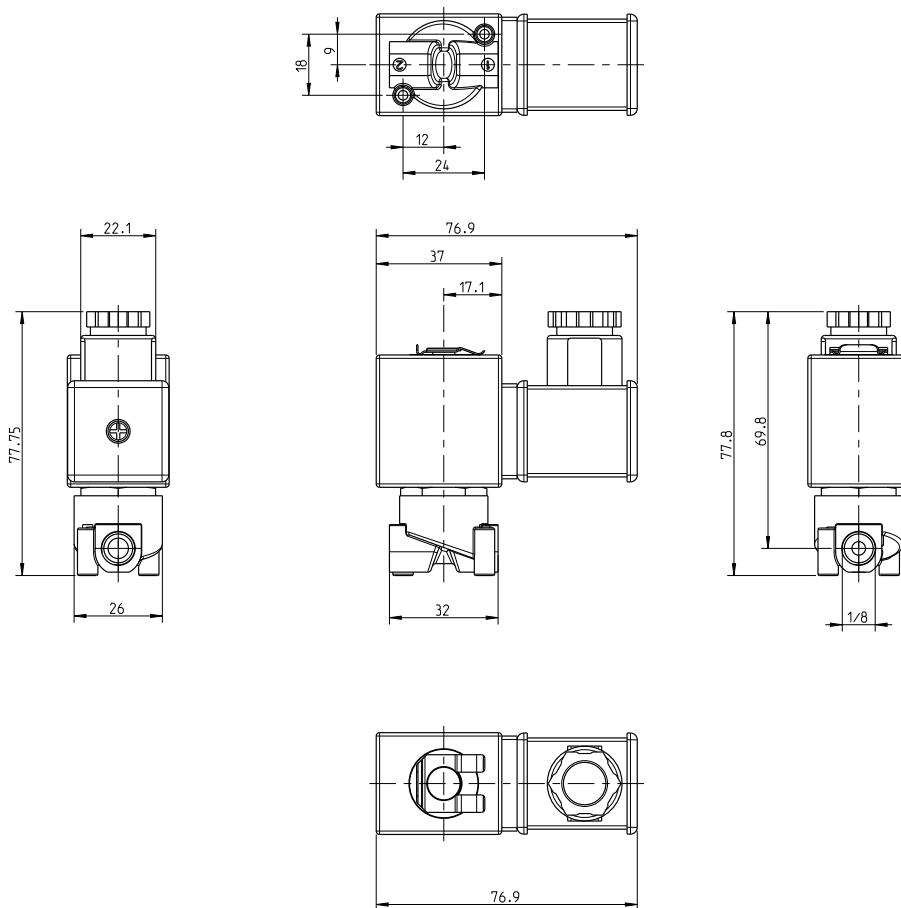
IEC 335 / ISO 4400

IP65

NC (1/8"): 256C600



Configurator - CAD Files



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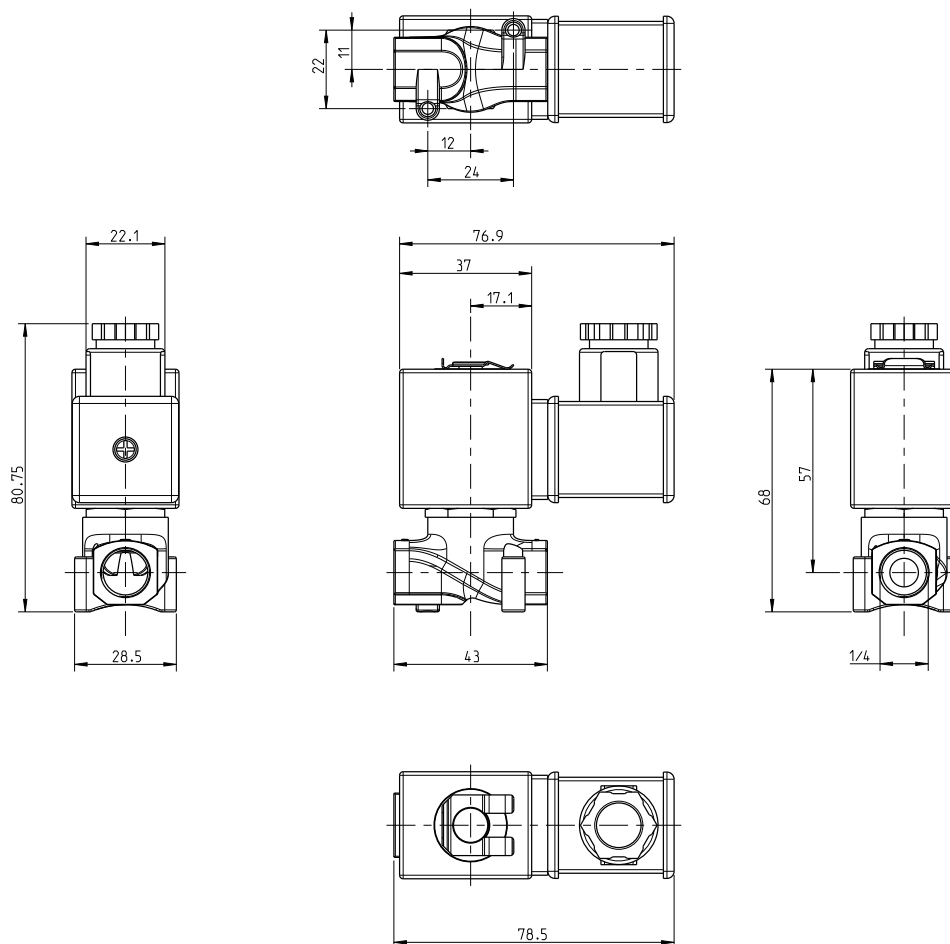
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## Dimensions mm (inches)

Configurator - CAD Files

NC (1/4"): 256C601



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