

# Normally Open Servo-Assisted Solenoid Valve with Plunger Pilot



Supplied as shown

## NPT 1/2" - NPT 2", 2.9-232 PSI

- Waterhammer-free
- Compact design with high flow rates
- High temperature coil



5281 B

Servo-assisted brass plunger piloted solenoid valve with un-coupled rugged diaphragm. This normally open valve is designed for neutral gases and liquids where a rugged and reliable solution is required.

### Technical Data

<b>Pressure range</b>	2.9-232 PSI, Max.
<b>Temperature media</b>	+14 °F ... +176 °F
<b>Ambient temperature</b>	131 °F, Max.
<b>Body material</b>	Brass
<b>Seal material</b>	NBR
<b>Coil material</b>	Epoxy (Class H)
<b>Power consumption</b>	DC: 8 W, AC: 21 VA (inrush), 12 VA (hold)
<b>Protection class</b>	IP65
<b>Electrical Connection</b>	2509 cable plug Form A (included)

### Options

- Normally closed (5281)
- Cables plug with LED
- Cable plug with varistor
- UL Recognized version with cable plug

### Envelope Dimensions [inch] (see datasheet for details)

2509 cable plug Form A included (see page 30)

Size	A	B	C
1/2"	2.56	1.57	4.72
3/4"	3.94	2.36	5.02
1"	4.53	2.76	5.35
1 1/4"	4.96	3.35	5.77
1 1/2"	4.96	3.35	6.12
2"	6.46	4.53	6.98

### Ordering Chart

Port connection [inch]	Orifice [mm]	Cv	Pressure range [PSI]	Item no. Voltage/Frequency [V/Hz]	
				24 V DC	120 V/60 Hz
<b>Brass</b>					
NPT 1/2	13	4.65	2.9 - 145	464 343	464 349
NPT 3/4	20	5.81	2.9 - 145	464 344	464 350
NPT 1	25	11.62	2.9 - 145	464 345	464 351
NPT 1 1/4	32	23.25	2.9 - 145	464 346	464 352
NPT 1 1/2	40	23.25	2.9 - 145	464 347	464 353
NPT 2	50	46.51	2.9 - 145	464 348	464 354