

DESCRIPTION

2-Way Solenoid Valve – General Purpose
Normally Closed – Direct Action
1/8" NPT Connection

APPLICATION

Water – Air – Gas – Liquids – Low Viscosity Oils

- Instrumentation
- Water Treatment
- Welding Equipment
- Dental Equipment (autoclaves)
- Laundry and Dry Cleaning Machine

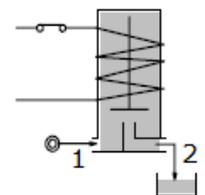
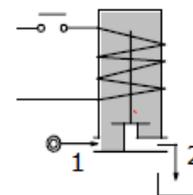
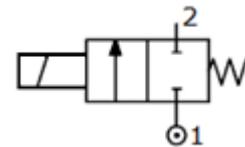
FEATURES

Maximum Allowable Pressure 250 PSI
Direct action with piston in Nitrile seal
Maximum Fluid Viscosity 25 cSt (mm2/s)
Ambient Temperature: with class F coil 14°F +131°F
with class H coil 14°F +176°F

NOTES

Any Mounting Position

OPTIONALS Nickel Surface Treatment Chemical
Explosion-proof coil



CODE	Connection NPT	Hole mm	KV m³/h	Differential Pressure PSI			Nominal Power			Coil		Sealing	Temp. Field F°
				Min	Max		AC Start-up	VA Regime	DC Watts	Type	Width		
					AC	DC							
Z221-A1M	1/8"	1.5	0.06	0	240	240	12	8	6.5	3	22	NBR=O	14 +194
Z221-A2M		2.5	0.14	0	150	82	12	8	6.5	3	22	EPDM=J	14 +284
												FPM=K	14 +266

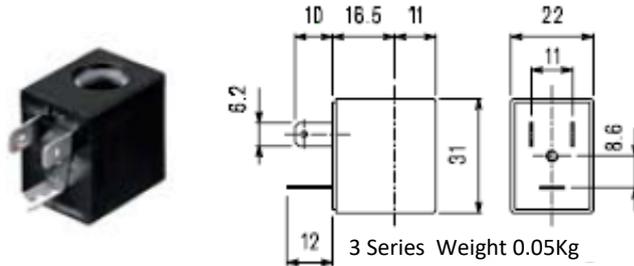
Seat material	*Nitrile = O	EPDM = J	FPM = K
Temperature Field	14 to 194°F	14 to 284°F	14 to 284°F
Applications	Water, air, light oils. Neutral gases. Kerosene. Low and medium vacuum.	Water vapor, hot water, acetone	Gasoline, naphtha, aromatics, benzene, etc. Hot gases. High vacuum. Diesel oil.

*Nitrile floating diaphragm.
Please contact your sales team for other seat materials.

COIL	Direct Current Voltage		Alternating Current 60/80Hz Voltage		Electrical Connector	Connector
	12	24	110	220		
Type 30 Width 22	B30H-COIL	B30W-COIL	B30Z-COIL	B30Y-COIL	DIN 43650A	PG11 code 10349060

DESCRIPTION
Insulation Class
Series 3=F
Voltage Tolerance
AC +15% - 10%
DC +/- 10%
IP65 with Mounted Connector
ED100%

OPTIONAL
Insulation Class H
Special voltage/power

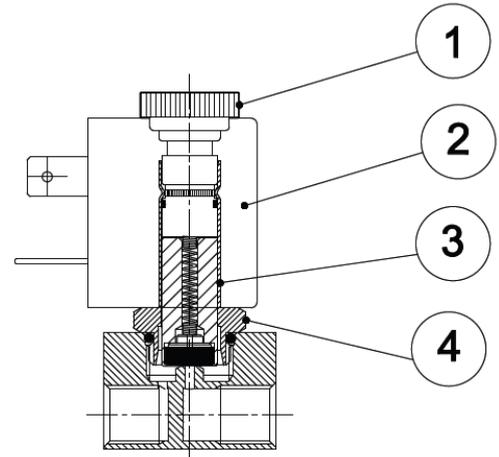


PARTS LIST

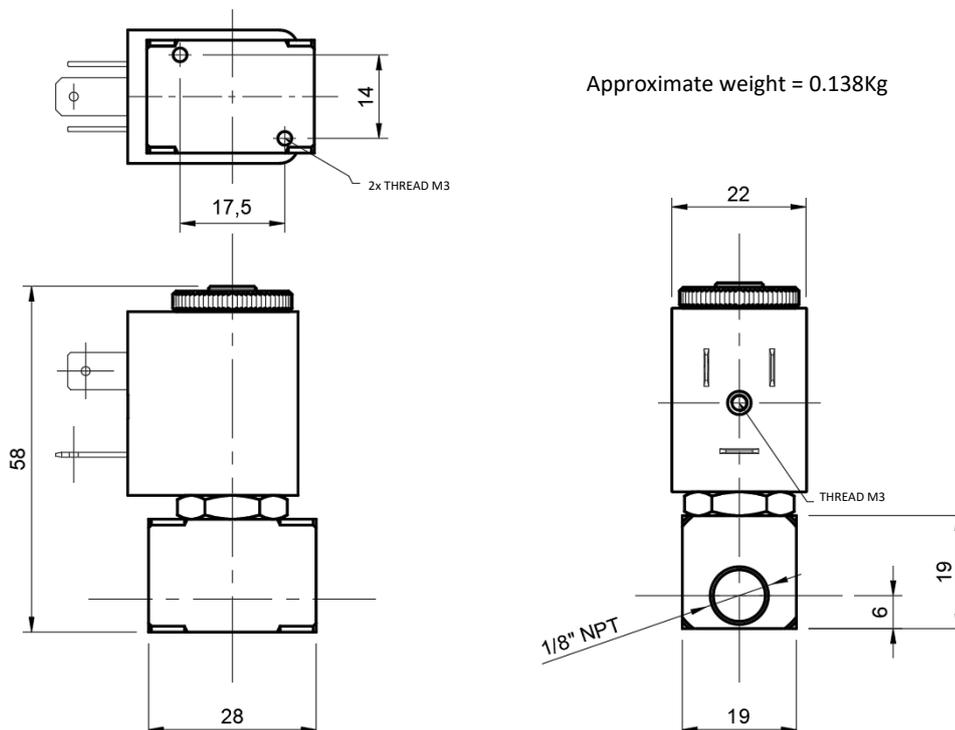
1. Coil Fixing Thread
2. Coil
3. Moving Core
4. Solenoid Assembly

CONSTRUCTION

Body	Brass
Guide Tube	Brass
Mobile and Fixed Core	Stainless Steel
Spring	Stainless Steel
Seal	NBR – FPM – EPDM



DIMENSIONS



Approximate weight = 0.138Kg