

APPLICATION

- Gas Solenoid Valves are used for safety and control of gas for shut-off in gas feed pipes
- Suitable for various gasses, including Natural gas, Propane and LPG
- ¼" Inlet and outlet plugs suitable for CPI switch, pressure gauge

OPERATION AND INSTALLATION

- Two-way, normally-closed – energise to open.
- Manual opening.
- Mounting direct on pipeline more or less 90 degrees (max) from the vertical axis.

TECHNICAL SPECIFICATION

- Manual opening when electrically energized.
- Closing time <1 second.
- ¼" Inlet and outlet plugs
- Incorporated AISI 303 steel mesh filter.
- Cable entry gland PG11 Live, Neutral, Earth.
- Protection to IP54
- NBR based seal with a strong resistance to hydrocarbons (UNI 4916-74).
- Bodies and flanges in diecast aluminium.
- AISI 302 steel pressure spring.
- Chromate Fe 37 steel armature.
- Ambient temperature -15°C to 60°C.
Coil temperature about 70°C

STANDARDS AND APPROVALS

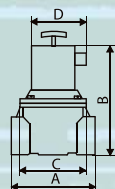
- Class A BS EN161:2002 Approved
- British Gas & European Standards
- 90/396/EEC - 73/23/EEC
- Certificate CE EC-87/07/009

ELECTRICAL SPECIFICATION

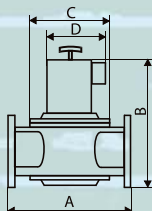
- Supply voltage 230V (+10%-15%) 50-60Hz.
- Coils to Class F, 360° rotation, suitable for permanent excitation.

NORMALLY CLOSED - 230VAC

TYPE	SIZE	CONNECTION	MAX PRESS.	POWER VA
ZEVM10	3/8"	BSP	500 mbar	5
ZEVM15	1/2"	BSP	500 mbar	5
ZEVM20	3/4"	BSP	500 mbar	5
ZEVM25	1"	BSP	500 mbar	5
ZEVM32	1 1/4"	BSP	500 mbar	5
ZEVM40	1 1/2"	BSP	500 mbar	5
ZEVM50	2"	BSP	500 mbar	18
ZEVM65	2 1/2"	BSP	500 mbar	18
ZEVM80	3"	BSP	500 mbar	18
ZEVMF65	65mm (2 1/2")	Flanged PN16	500 mbar	18
ZEVMF80	80mm (3")	Flanged PN16	500 mbar	18
ZEVMF100	100mm (4")	Flanged PN16	500 mbar	18



Type	A	B	C	D
ZEVM10	72	150	52	85
ZEVM15	72	150	52	85
ZEVM20	86	160	70	85
ZEVM25	100	160	75	85
ZEVM32	150	221	110	85
ZEVM40	150	221	110	85
ZEVM50	170	285	135	120
ZEVM65	220	285	170	120
ZEVM80	220	330	170	120



Type	A	B	C	D
ZEVMF65	310	360	200	120
ZEVMF80	310	360	200	120
ZEVMF100	350	360	250	120



ZEVM80

