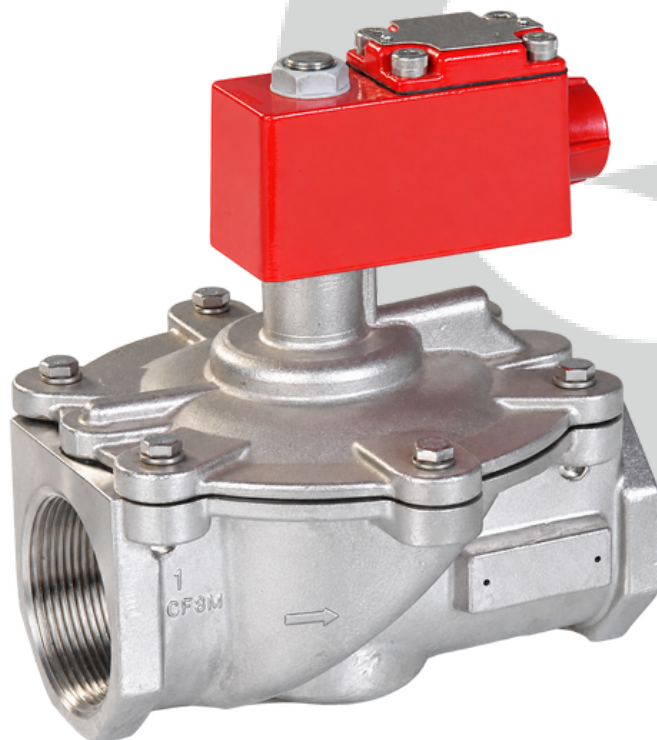


EX-Rated Solenoid Valve

PRODUCT CODE: ERSV-**

SPEC SHEET

- 2/2 Spring Return Internal Pilot operated Diaphragm Design Valve
- ATEX Ex d Explosion-Proof Valve
- Port Connection from 1/2 to 3" BSP(F)
- Flow Orifices from 12–80mm
- Flow Factor (kv) from 60 - 1000 LPM
- Body Material: Stainless Steel Cast CF8 (304 Cast) with internal wetted parts of Stainless Steel 316:
- Manual Override Available
- VITON or EPDM Seals Available
- Pressure Range from 0.5 - 10 bar
- Media Temp Range from -20°C to +160°C
- Flameproof Enclosure Ex d having integrated Terminals, Bottom Cable Entry 1/2" NPT(F), IP67:
- Enclosure Material: Aluminium Cast Powder coated
- 12V DC, 24V AC/DC and 230V AC Options Available
- Power of Coil: 6 W
- Insulation Class: Class H
- Approval: IEC Ex + ATEX



Solenoid Marking

- Ex db IIC T6/ T5/ T4 Gb
- Ex tb IIIC T 85 °C / T100 °C/ T135 °C Db IP67
- -60 °C ≤ Ta ≤ +60 °C FOR T6
- -60 °C ≤ Ta ≤ +75 °C FOR T5
- -60 °C ≤ Ta ≤ +100 °C FOR T4

Certificates

- IEC Ex CES 19.0010X
- CESI 19 ATEX 028 X (Solenoid)
- IECEx CES 24.0008U
- CESI 23 ATEX 022U (Adapter)

Adaptor Marking

- Ex 12N Ex II 2G Ex db IIC Gb
- -60 °C to +225 °C



SCAN HERE TO
FIND OUT MORE

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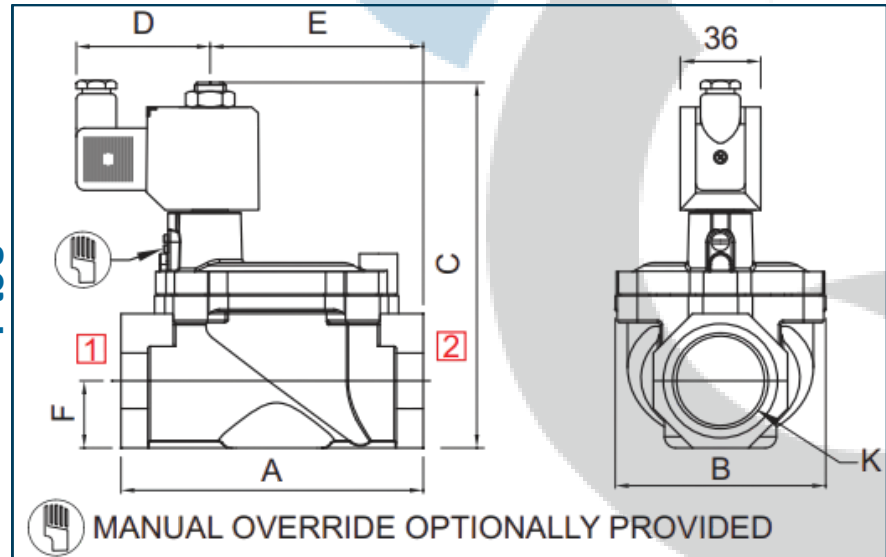
FlowQuip
Piped Equipment Specialties

EX-Rated Solenoid Valve

Sizes may vary based on final configuration

Specification	½"	¾"	1"	1¼"	1½"	2"	2½"	3"
Minimum pressure (bar)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Maximum pressure (bar)	10	10	10	10	10	10	10	10
Orifice (mm)	12	20	25	40	40	50	65	80
Flow factor (L/min at 1 bar ΔP)	60	110	185	400	440	650	800	1,000
A (mm)	65	84	110	135	135	165	200	235
B (mm)	50	64	82	94	94	140	169	198
C (mm)	124	134	146	163	163	180	205	230
D / DP (mm)	66 / 97	66 / 97	60	60	60	60	60	60
E (mm)	29	42	76	95	95	128	159	194
F (mm)	15	17	22	30	30	38	45	53

1" to 3"



1/2" to 3/4"

