

From



**R. & D.
a new
pulse valve**



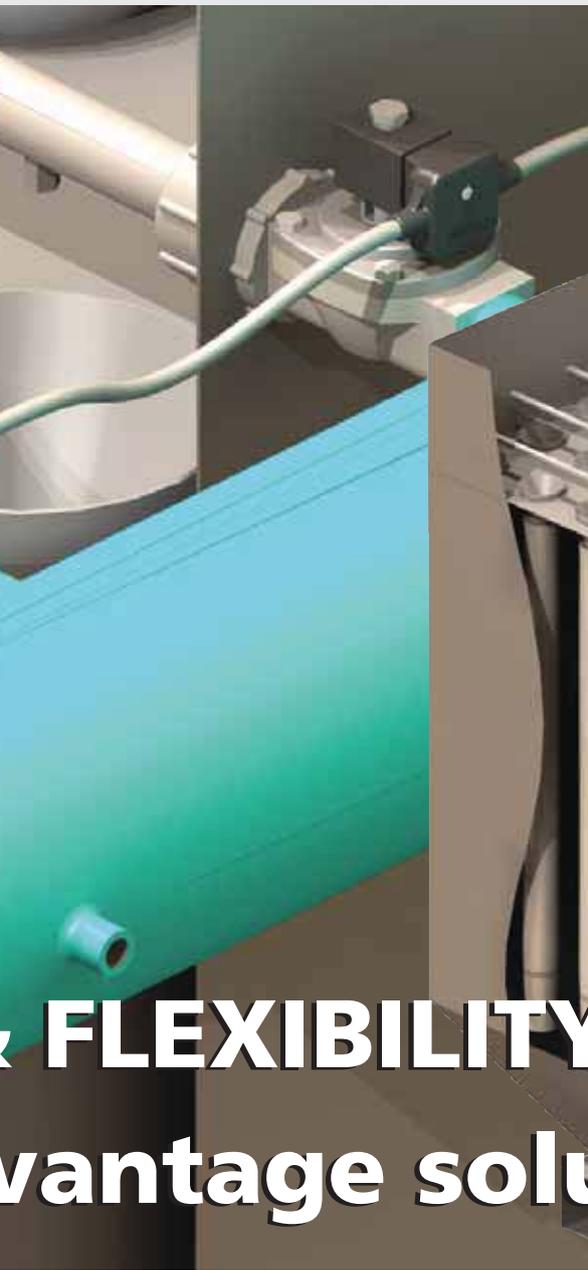
**SAVING &
The double adv**



**THE DESIGN OFFER EASE
OF MAINTENANCE THANK
TO ORIZONTAL POSITION**



**INTEGRATED COMPRESSION FITTING
ELIMINATE BULRHEAD CONNECTOR**



& FLEXIBILITY vantage solution!



**DIRECT INSTALLATION THROUGH
THE BAG HOUSE WALL**



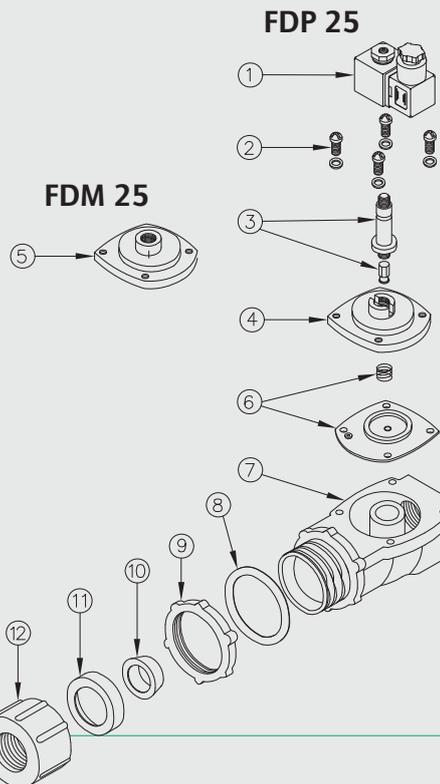
**SAME COMPONENTS THROUGH ALL
TURBO PULSE VALVES RANGE**



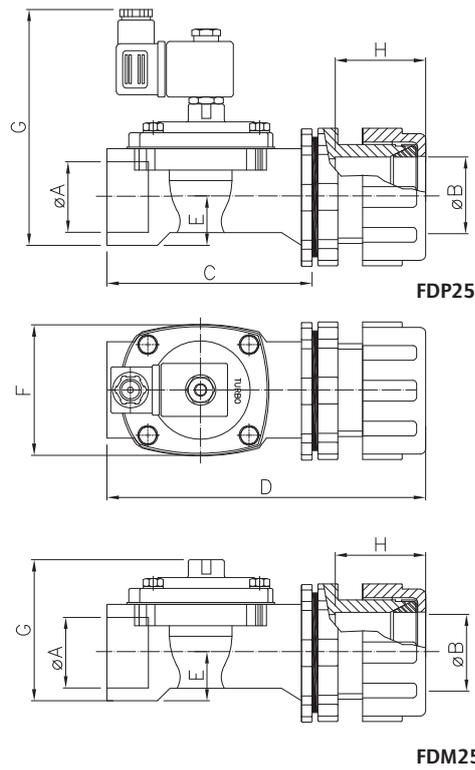
CARACTERISTICS

Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -40°C; +80°C Viton diaphragm -30°C; +200°C
Operating pressure	min. 0,5; max 7,5 bar
Body & cover	Die cast aluminium
Core tube	Stainless Steel
Plunger	Stainless Steel
Screws	Stainless Steel
Coill insulation	Class H
Connector	PG 9; IP65 DIN 43650 ISO 4400
Standard voltages	230 -110 - 24V / 50-60VHz 19 VA 24VDC 15W

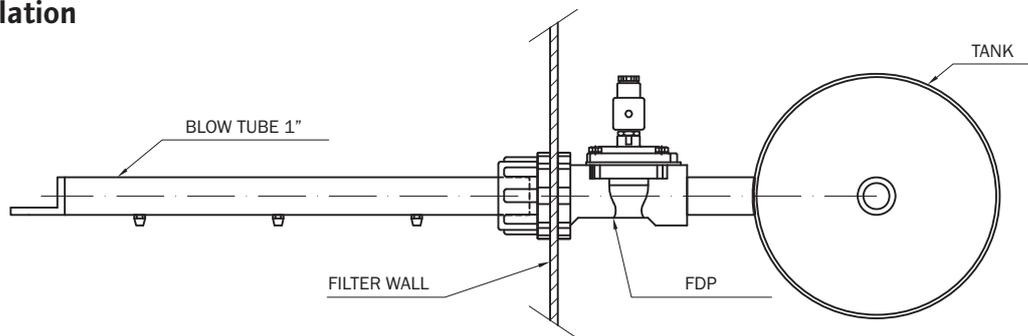
DESCRIPTION	FDP25/ FDM25
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP25
5 Cover remote operated	TCOP25FM
6 Diaphragm+Spring	M25+TMOL 10G
7 Body	TCOR25FLG/IN-OUT
8 Gasket	TROND67x53x5
9 Lock nut	TGBA25
10 Seal	GCON25
11 Seal retainer	OG25
12 Compression nut	TDAL25



FDP/ FDM with compression fitting

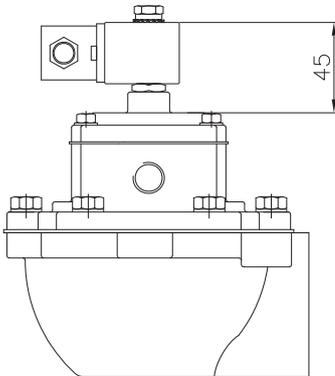


Installation



Model	Ø A	Ø B	C	D	E	F	G	H	Weight (Kg)
FDM 25	1"1/4	1"	114	172	27	74	74	49,5	0,9
FDP 25	1"1/4	1"	114	172	27	74	132	49,5	1

ATEX

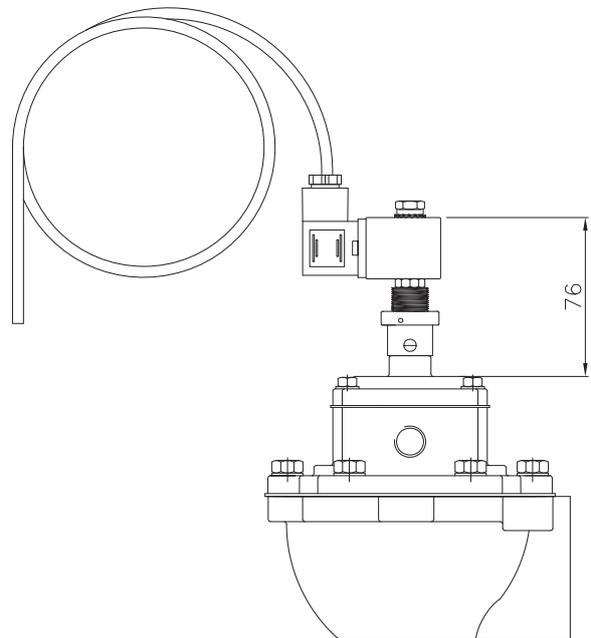


ATEX II3GD (zone 2 e 22)

Turbo pulse valves for potentially explosive atmospheres according to ATEX 94/9/EC valve is provided with moulded coil and connector IP 65 suitable for zone 2 e 22. Valve dimensions are same of standard model.



Turbo pulse valves for potentially explosive atmospheres according to ATEX 94/9/EC. Valve use encapsulated moulded soil with leads wire of different length. Pilot valve has brass body that change valve dimensions from standard model.



ATEX II2GD (zone 1 e 21)

ATEX 94/9/EC

Correspondence between zones and categories

Group I (underground mining, methane and combustible dust)		Group II (Surface, gas/air or mixture of dust/air, vapors)					
Category M		Category 1		Category 2		Category 3	
1	2	G (Gases, Mists vapors Zone 0)	D (Dust Zone 20)	G (Gases, mists vapors Zone 1)	D (Dust Zone 21)	G (Gases, mists vapors Zone 2)	D (Dust Zone 22)
Equipments ensuring a very high level of protection. Guaranteed operations in case of possible errors		Equipments ensuring a very high level of protection. Equipments ensuring a very high level of protection. Explosive atmospheres are present continuously, for long period or frequently.		Equipments ensuring a high level of protection. Explosive atmospheres are likely to occur.		Equipments ensuring a normal level of protection. Explosive atmospheres are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.	

HOW TO ORDER

example

F P 25 02450

F : THREADED VALVE
D : COMPRESSION FITTINGS VALVE
E : FLANGED VALVE
SQ : GLOBAL VALVE FOR SQUARE TANK
FD : STRAIGHT THROUGH VALVE

P = INTEGRAL PILOT
M = REMOTE PILOT

CONNECTION DIAMETERS

$3/4''$ = 20
1'' = 25
 $1''1/2$ = 40
2'' = 55
 $2''1/2$ = 65
3'' = 75

STANDARD VOLTAGES

24V 50-60Hz = 02450
110V 50-60Hz = 11050
220V 50-60Hz = 22050
24VDC = 024DC