

ATEX Certified Valves

In compliance with the directive 94/9/CE

Function	Port size	F	Flow [Max]		Individual mounting		
3/2 NO-NC, 2/2 NO-NO	C 1/8" - 1/4"	5	00 NI/min		Inline		
 OPERATIONAL BENEFITS 1. Balanced poppet, immune to variations of pressure. 2. Short stroke with high flow. 3. The patented solenoid develops high shifting forces. 4. Powerful return spring. 5. Burn-out proof solenoid on AC service. 							
	Port size			Universal Valve			
				년			
1	I/8" BSPPL			224B – XX 0EE 005 E X ECG			
1/8" NPTF				224	IB – XX0EE EX ECG		
1/4" BSPPL				225B – XX0EE 005 EX ECG			
	1/4" NPTF			225	B – XX0EE EX ECG		
SOLENOID OPERATO	DR >	<u>X</u>	<u>X 0 EE</u>	005 E X E	ECG		
VV Valtara		0 Manu		to r	55 Electrical connection		
XX voltage			ai opera	ator	EE Electrical connection		
 11 110V~/50Hz – 12 220V~/50Hz – 22 24V~/50Hz – 22 24V~/50Hz – 51 24V=/4,5W 61 24V=/8,5W 78 24V=/24,0W Other voltages avail 	120V~/60Hz 240V~/60Hz 24V~/60Hz able, consult factory. 22XI	0 No op B- XX 0EE	E 005	E <u>X</u> ECG	EE Explosion proof enclosure		
x	Cable length			ECG	Modification description		
H F T	1.1m 2.0 m 5.0 m			ECG	Cable Gland Explosion proof		
OPERATING INSTRU	JCTIONS						
Air connection:	Inlet: port marked #1 Cylinder: port marked # Exhaust: port marked #	2 3					
Electrical connection:	Power supply: blue & brown wire (coil not polarised) Ground: yellow – green wire Screw on electrical enclosure available for external ground						



TECHNICAL DATA

Fluid:	Compressed air, vacuum, inert gases		
Pressure range:	Vacuum to 10 bar		
Lubrication:	Non-lube service		
Filtration:	40μ		
Temperature range:	-18℃ to +60℃		
Orifice:	4.8 mm		
Flow (at 6 bar ∆P=1bar) :	500 NI/min (C _v 0.5)		
Coil:	Epoxy encapsulated – class A wires		
Voltage range:	-15% to +10% of nominal voltage		

Ex marking 💿 II 2 G / Ex d IIC T4-T5

Zones, groups, and categories

Group II: electrical equipment intended for use in places with an explosive gas atmosphere other than mines susceptible to firedamp.

Equipment category 2 G: gas - zone 1

Subdivision IIC: typical gas are acetylene & hydrogen

Method of protection d: flame proof enclosure

Temperature class T4-T5: maximum surface temperature 135 $\mathbb C$ – 100 $\mathbb C$

DIMENSIONS





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Function		Port size	t size Flow [I		low [Max]	Ν	Manifold mounting	
3/2 NO-NC, 2/2	NO-NC	1/8" - 1/-	." - 1/4" 50		00 NI/min		Sub-base	
OPERATIONAL 1. Balanced popp pressure. 2. Short stroke wit 3. The patented so forces. 4. Powerful return 5. Burn-out proof so HOW TO C	L BENEFIT bet, immune th high flow olenoid dev spring. solenoid or ORDER	S e to variations of r. relops high shift n AC service.	ng					
	Port	size				Unive	rsal Valve	
						Ľľ.		
	Valve I	ess base			250B – XX0EE 005 EX ECG			
SOLENOID OPE	ERATOR >			<u>X</u>)	(<u>0 EE</u> 005 E	X ECG	٦	
XX Voltag	e		0	Manua	al operator		EE Electrical connection	
11 110V~/5 12 220V~/5 22 24V~/50 51 24V=/4, 61 24V=/8, 78 24V=/2 Other voltage	50Hz – 120 50Hz – 240 0Hz – 24V~ 5W 5W 5W 44,0W es available	V~/60Hz V~/60Hz /60Hz e, consult factory	0	No op	erator		EE Explosion proof enclosure	
		2	50B- <mark>X</mark>	XOEE	005 E <u>X E</u>	<u>ç</u> G		
	X C	Cable length			ECG	Modi	fication description	
	H 1 F 2 T 5	.1 m .0 m .0 m			ECG	Cable	gland Explosion proof	
OPERATING I	NSTRUCTI	ONS						
Air connection: Electrical connect	Inlet: port i Cylinder: p Exhaust: p tion: Powe Grour	marked #1 port marked #2 port marked #3 r supply: blue & nd: yellow – gree Screw on electri	brown v en wire cal enclo	vire (coi osure av	l not polarised) vailable for extern	nal ground		



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