

Codice 86-3620-0002 rev.B

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The undersigned, representative of the following manufacturer

#### Camozzi spa

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#### herewith declares that the product:

**ELECTROPNEUMATICALLY OPERATED VALVES SERIES 3 AND 4** PNEUMATICALLY OPERATED VALVES SERIES 3 AND 4 **MECHANICALLY OPERATED VALVES SERIES 3 AND 4 MECHANICALLY OPERATED SENSOR VALVES SERIES 3 AND 4 MANUALLY OPERATED VALVES SERIES 3 AND 4** 

(see a detailed identification of the models on page 3 to 5)

results to be in conformity with the provisions of the following European Community's directive:

94/9/CE

(ATEX)

DIRECTIVE OF THE EUROPEAN PARLIAMENT AND THE COUNCIL OF 23 MARCH 1994 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING EQUIPMENT AND PROTECTIVE SYSTEMS INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES

and that all standards and/or technical specifications indicated on page 2 have been applied

ATEX Marking:



⟨∑ | | 2 GD c T5 T100°C -20°C≤T<sub>a</sub>≤60°C

Brescia, 25/02/2010

CAMOZZI SPA

Camozzi Giovanni



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Reference relative to the standards and/or technical specifications, or parts of these, used for the present declaration of compliance:

#### **Harmonised Standards:**

Nr	Date of issue	Title	Parts
EN 1127-1	2007	Explosive atmospheres - Explosion prevention and protection. Basic concepts and methodology	All
EN 13463-1	2001 AC 2002	Non-electrical equipment for potentially explosive atmospheres - Basic method and requirements	All

#### Other standards and /or technical specifications:

Nr	Date of issue	Title	Parts
EN 13463-5	2003	Non-electrical equipment intended for use in potentially explosive atmospheres. Part 5: Protection by constructional safety "c"	All
EN 983	2009	Safety of machinery. Safety requirements regarding systems and their components for hydraulic and pneumatic transmissions. Pneumatics.	All



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Electro pneumatically operated valves (Series 3 and 4) identification of the models (the values in the first columns are examples)

Example of codification: 338D-015-02EX-U77

Camozzi Code		
3	Series	3
3	Series	4
		3 = 3/2
		4 = 3/2 Series 3 (N.O.)
	Number of	5 = 5/2
3	ports /	6 = 5/3 C.Closed
	positions	7 = 5/3 C.Open
		8 = 5/3 C.Pressure
		$9 = 1 \times 3/2 \text{N.C.} + 1 \times 3/2 \text{N.O.}$
	Ports	8 = G1/8
8		4 = G1/4
		2C = G1/2
D	Double valve	
		011 = double solenoid (horizontal solenoids)
		V11 = double solenoid (vertical solenoids) only G1/4
		015 = single solenoid, spring return (horizontal solenoids)
045	Actuation	V15 = single solenoid, spring return (vertical solenoid) only G1/4
015		016 = single solenoid, pneumatic spring return (horizontal solenoid)
		V16 = single solenoid, pneumatic spring return (vertical solenoid) only G1/4
		E11 = double solenoid external servo-command
		E15 = Single solenoid external servo-command
	Solenoid Interface	02 = mech. sol. 22 x 22 - Series 3
02		22 = mech. sol, 22 x 22 - Series 4
**		50 = mech. sol. 32 x 32 - only G1/2
EX	Atex certified p	product
U77	Solenoid voltage	This code should be added in case the valve is supplied together with the solenoid (refer to the codification of the solenoid)



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Pneumatically operated valves (Series 3 and 4)
Identification of the models (the values in the first columns are examples)
Example of codification: 358-035EX

Camozzi Code			
3	Series	3	
3	oeries	4	
	Number of ways / positions	3 = 3/2	
5		5 = 5/2	
5		6 = 5/3 C.closed	
		7 = 5/3 C.open	
	Ports	8 = G1/8	
8		4 = G1/4	
		2C = G1/2	
	Actuation / Return	033 = pneum pneum. (Series 3)	
		33 = pneum pneum. (Series 4)	
035		34 = pneum differ. (Series 4)	
		35 = pneumatic - spring (Series 4)	
		035 = pneumatic - spring (Series 3)	
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EX	Atex certified produ	CUS	

### Mechanically operated valves (Series 3) Identification of the models (the values in the first columns are examples) Example of codification: 338-945EX

Camozzi Code		
3	Series	3
3	Number of ways / positions	3 = 3/2 N.C. 4 = 3/2 N.O. 5 = 5/2
8	Port	8 = G1/8
94	Actuation	94 = Plunger 95 = Lever/roller 96 = unidirectional lever/roller
5	Resetting	5 = spring return
EX	Atex certified products	



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Mechanically operated sensor valves (Series 3 and 4)
Identification of the models (the values in the first columns are examples)
Example of codification: 338-D15-9A5EX

Camozzi Code		
3	Series	3 4
3	Number of ways / positions	3 = 3/2 N.C. 4 = 3/2 N.O. 5 = 5/2 C.Open
8	Ports	8 = G1/8 4 = G1/4
D15	Actuation	D15 = pressure drop / spring 015 = pressure / spring 011 = pressure / pressure
9A5	Actuation	9A5 = lever sensor, spring return 194 = plunger sensor, spring return 294 = plunger sensor, bistable 195 = lever / roller, spring return 295 = lever / roller, bistable
EX	Atex certified products	

Manually operated valves (Series 3 and 4)
Identification of the models (the values in the first columns are examples)
Example of codification: 358-900EX

Camozzi Code		
3	Series	3 4
5	Number of ways / positions	3 = 3/2 N.C. 5 = 5/2 6 = 5/3 C.Closed 7 = 5/3 C.Open
8	Ports	8 = G1/8 4 = G1/4
900	Resetting	895 = push button, monostable, black 896 = push button, monostable, green 897 = push button, monostable, red 900 = lever, bistable 905 = lever, monostable 910 = knob, bistable 915 = knob, monostable 935 = digital monostable 975 = palm-switch, monostable, black 976 = palm-switch, monostable, green 977 = palm-switch, monostable, red 990 = switch, bistable
EX	Atex certified product	