



The undersigned, representative of the following manufacturer and legal entity authorized to compile the technical file:

Camozzi Automation S.p.A.

Via Eritrea, 20/I
25126 Brescia - Italy
Tel: +39 030 37921
Fax: +39 030 2400464
E-mail: info@camozzi.com
<http://www.camozzi.com>

herewith declares that the products:

Safety exhaust valve

MX SAFEMAX

In the version reported in the third page


The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2014/30/EU	DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility
2006/42/EC	DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 May 2006 on machinery, and amending Directive 95/16/EC
2014/34/EU#	DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres


#=only for version indicated with this symbol in the third page

and that all the standards and/or technical specifications indicated on page 2 are applied.
The product designed as ATEX compliant has the following marking:

Sensor

 II 3GD EX ic IIB T4 Gc (-10°C ≤ Ta ≤ 70°C)
EX ic IIIC T135°C Dc (-10°C ≤ Ta ≤ 70°C)

Solenoid

 II 3G Ex nA II T4 Gc X IP65
II 3D Ex tc IIIC 130°C Dc X
0°C ≤ Ta ≤ 60°C

This declaration of conformity is issued under the sole responsibility of the manufacturer

Brescia Italia 05/11/2020

Camozzi Automation SPA
Product Certification Manager
Guerrini Fabrizio



	EU declaration of conformity <i>EC Declaration of conformity</i>	Doc. 5000029575
		Ver. 01
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Reference relative to the standards and/or technical specifications, or parts of them, used for the present declaration of compliance

Reference Number	Date of issue	Title
EN 61000-6-2	2005	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environment
EN 61000-6-3	2007	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
EN 60079-0 #	2012	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
EN 60079-11 #	2012	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
EN 60079-15 #	2010	Electrical apparatus for explosive gas atmospheres. Part 15: Construction, test and marking of type of protection "n" electrical apparatus
EN 60079-31 #	2014	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'.
UNI EN ISO 4414	2012	Pneumatic fluid power - General rules and safety requirements for systems and their components
UNI EN ISO 13849-1	2016	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design

• Camozzi Spa declares that the "homogeneous materials" used in the products are in compliance with directive

2011/65/EU(RoHS II)

Particularly some materials used for components of this product line are included in 2011/65/UE-Annex III- Application exempted from the restriction in Article 4 (1)

- Exemption:

- 6(a) Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight
- 6(b) Lead as an alloying element in aluminium containing up to 0,4 % lead by weight
- 6(c) Copper alloy containing up to 4 % lead by weight

The Declaration of Conformity to the Directive and expiry date of exemptions is responsibility of the producer of the equipment which is part of the Categories mentioned in the scope of directive.

#: Special electric parameters for intrinsic safety of ATEX Sensor:

Input electric parameters

Ui= 30V li=200mA Pi=0,65W Ci=0,23µF Li=0

Sample of Code:

MX	2	-	1/2	-	V	16	2	0	A	B	-	-	-
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Sample value	Significance of value	Significance of Alternatives
MX	Series	
2	Size	
1/2	Port	G1/2
V	Solenoid valve	
16	Design Type	16 = electro-pneumatic control 17 = servo-pilot control
2	Channel	2=single channel 4=double channel
0	Accessories	0=Without silencer 1=With silencer
A	Sensor	A=UL Sensor cable L=2mt B=UL Sensor cable L=5mt C=ATEX Sensor cable L=2mt # D=ATEX Sensor cable L=5mt # E=CE Sensor M8 Connector
B	Certification of components	A=Atex # B=UL C=CE
	Mountings/Brackets	=Without mounting accessories Z= central wall clamp (only for version 4 in the value "Channel") Y= central wall bracket (only for version 4 in the value "Channel") HH= side quick clamps and flanges JJ= side wall clamps and flanges KK= side wall brackets and flanges
	FLOW DIRECTION	= from left to right (standard) LH = from right to left