



# DECLARATION OF COMPLIANCE

Code  
86-3620-0021 rev.E

Tech. File 86-3600-0012

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The undersigned, representative of the following manufacturer

<b>Camozzi spa</b>
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Herewith declares that the product :

<b>SOLENOID SERIES U70EX</b> ( see a detailed identification of the models on page 3 )
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results to be in conformity with the provisions of the following European Community's directive:

<b>DIRECTIVE 2014/34/UE</b>	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
<b>DIRECTIVE 2014/30/UE</b>	Directive 2014/30/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 Electromagnetic Compatibility
<b>DIRECTIVE 2014/35/EU*</b>	Directive 2014/35/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 The Making Available On The Market Of Electrical Equipment Designed For Use Within Certain Voltage Limits

\*if applicable


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

for solenoid valves, with connector, enclosure on page 3 ATEX marked::

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

Brescia, 26/09/2016

Camozzi SPA

Product Manager  
 Fabio Bottarelli  




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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:

Number : Year	Title
EN 60079-0:2012	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
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'.
EN 4414:2010	Pneumatic fluid power. General rules and safety requirements for systems and their components
EN 60730-1 :2011	Automatic electrical controls for household and similar use — Part 1: General requirements
EN 60730-2-8 :2002	Automatic electrical controls for household and similar use — Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements
EN 60730-2-8 – A1 :2003	



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TABELLA BOBINE ATEX

Code of turns	Voltage	Power	Magnitude of current (A)	Material of turns	Material of coils	Class of turns
U710EX	110 V DC	3,2 W	0,029	Rynite FR530 Rynite FR530L	Rynite 815 ER	MW 79 MW 80
U7HEX	12 V DC	3,1 W	0,258			
	24V 50/60 Hz	3,5 VA	0,154			
U77EX	24V DC	3,1 W	0,130			
	48V AC 50/60 Hz	3,5 VA	0,078			
U771EX	24 V DC	3,1 W	0,130			
	48V AC 50/60 Hz	3.8 VA	0.079			
U75EX	24 V DC	2,2 W	0,093			
U73EX	24V DC	5 W	0,210			
U76EX	110V DC	4,2 W	0,038			
U79EX	48V DC	3,1 W	0,064			
U7KEX	110 V AC 50/60 Hz	3,8 VA	0,034			
	125 V AC50/60 Hz	5,5 VA	0,044			
	72 V DC	4.8 W	0.067			
U7K1EX	110 V AC 50/60 Hz	5,8 VA	0,53			
	72 V DC	5.6 W	0.076			
U72EX	12 V DC	5 W	0,420			
U74EX	48 V DC	5,3 W	0,110			
U71EX	6 V DC	5,1 W	0,850			
U7JEX	230 V AC 50/60 Hz	3,5 VA	0,015			
	240 V AC 50/60 Hz	4 VA	0,016			
U711EX	24 V DC	6,5W	0,271			
U7111EX	24 V DC	6,5W	0,271			
U712EX	24 V DC	6,5W	0,542			

122-800EX Minimum connection cable Ø 6.6 mm