



The undersigned, representative the following manufacturer

**Camozzi spa**

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herewith declares that the product:

**CYLINDERS SERIES 31: STANDARD, TANDEM AND MULTI POSITION**

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

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

**94/9/EC  
(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 single acting cylinders:

**CE**  **II 3 GD c 120°C (T4) -20°C ≤ T<sub>a</sub> ≤ 80°C**

ATEX marking double acting cylinders:

**CE**  **II 2 GD c 120°C (T4) -20°C ≤ T<sub>a</sub> ≤ 80°C**

Brescia, 2<sup>nd</sup> September 2010

Camozzi SpA

**Ing. Fabio Bottarelli**





CE COMPLIANCE  
DECLARATION

86-3620-0008 rev. C  
T.File: 86-3600-0006  
Dep. N°: CEC-04/2007-ADF007

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**Reference to the standards and/or technical specifications applied:**

	Issue Date	Title
EN 1127-1	2007	Explosive atmospheres - Explosion prevention and protection. Part 1: Basic concepts and methodology
EN 13463-1	2009	Non-electrical equipment for potentially explosive atmospheres Part 1: Basic method and requirements
EN 13463-5	2003	Non-electrical equipment for potentially explosive atmospheres Part 5: Part 5: Protection by constructional safety "c"

**Other standards and/or technical specifications applied**

	Issue Date	Title
UNI EN 983	2009	Machinery safety. Safety requirements regarding systems and their components for hydraulic and pneumatic transmissions. Pneumatics.



# CE COMPLIANCE DECLARATION

86-3620-0008 rev. C  
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## Models Identification (the values in the first column are examples)

Camozzi Code	Coding example : <b>31M2A032A050EX</b>
<b>31</b>	Series
<b>M</b>	M = Magnetic, male rod thread F = Magnetic, female rod thread R = Non-rotating, with flange
<b>2</b>	1 = Single acting, front spring 2 = Double acting 3 = Double acting, through rod 4 = Single acting, rear spring
<b>A</b>	A = Rolled stainless steel rod – L profile.
<b>032</b>	Bore [mm] Range: 12, 16, 20, 25, 32, 40, 50, 63, 80, 100
<b>A</b>	A = Standard
<b>050</b>	Stroke [mm] Range of standard strokes: see general Camozzi Catalogue
<b>EX</b>	Atex Certified Product

Camozzi Code	Coding example : <b>31M2A032A050N2EX</b>
<b>31</b>	Series 31
<b>M</b>	M = male rod thread F = female rod thread
<b>2</b>	2 = double-acting
<b>A</b>	A = Rolled stainless steel rod AISI 303 profile aluminium
<b>032</b>	Bore : 12, 16, 20, 25, 32, 40, 50, 63, 80, 100
<b>A</b>	A = Standard
<b>050</b>	Stroke in mm
<b>N</b>	Tandem
<b>2</b>	2 = 2 stages 3 = 3 stages 4 = 4 stages
<b>EX</b>	Atex Certified Product

Camozzi Code	Coding example : <b>31M2A032A25/100NEX</b>
<b>31</b>	Series 31
<b>M</b>	M = male rod thread F = female rod thread
<b>2</b>	2 = double-acting
<b>A</b>	A = Rolled stainless steel rod AISI 303 profile aluminium
<b>032</b>	Bore : 12, 16, 20, 25, 32, 40, 50, 63, 80, 100
<b>A</b>	A = Standard
<b>25/100</b>	Stroke in mm X1mm/X2mm *insert stroke without the initial 0
<b>N</b>	Multi-position
<b>EX</b>	Atex Certified Product

### Series 31 special versions

This Compliance declaration takes validity also for the special versions of the series 31, by the use of the internal compliance valuation procedure n° G-DT-93 (and following revisions)

coding example: **31M2A032A050SxxEX / 31M2A032A050N2SxxEX / 31M2A032A25/100NSxxEX**  
(Where xx shows the progressive number of the special version)