



Short form catalogue ATEX certified products



Air that moves the world.

Camozzi spa
Società Unipersonale
Via Eritrea, 20/I
25126 Brescia
Italy
Tel. int.+39+030+37921
Fax int.+39+030+2400430
info@camozzi.com
www.camozzi.com

Camozzi GmbH Pneumatic
Porschestrasse 1
73095 Albershausen
Germany
Tel. int.+49+7161+910100
Fax int.+49+7161+9101099
info@camozzi.de
www.camozzi.de

Camozzi GmbH Pneumatic
Löfflerweg 18
A-6060 Hall in Tirol
Austria
Tel. int.+43+5223+52888-0
Fax int.+43+5223+52888-500
info@camozzi.at
www.camozzi.at

Camozzi Pneumatics Ltd.
The Fluid Power Centre
Watling Street
Nuneaton - Warwickshire
CV 11 6BQ
Great Britain
Tel. int.+44+24+7637 4114
Fax int.+44+24+7634 7520
www.camozzi.co.uk
info@camozzi.co.uk

Camozzi Pneumatique
5, Rue Louis Gattefossé
Parc de la Bandonnière
69800 Saint Priest
France
Tel. int.+33+478+213408
Fax int.+33+472+280136
info@camozzi.fr
www.camozzi.fr

Camozzi Benelux B.V.
De Vijf Boeken 1 A
2911 BL Nieuwerkerk a/d IJssel
The Netherlands
Tel. int.+31+180+316677
Fax int.+31+180+316616
info@camozzi.nl
www.camozzi.nl

Camozzi Pneumatik AB
Box 9214
Brönsyregatan 7
20039 Malmö
Sweden
Tel. int.+46+40+222580
Fax int.+46+40+223878
info@camozzi.se
www.camozzi.se

Camozzi Aps
Metalvej 7a
4000 Roskilde
Denmark
Tel. int.+45+46+750202
Fax int.+45+46+750203
info@camozzi.dk
www.camozzi.dk

Camozzi Pneumatic Ltd.
Floor 14, Leningradskaya Street, 1-A
Himki, Moscow Region
141400 Moscow
Russian Federation
Tel. int.+7+495+2306961
Fax int.+7+495+5754564
info@camozzi.ru
www.camozzi.ru

Camozzi-Pneumatic
38 Larionova St
95018 Simferopol
Ukraine
Tel. int.+380+652+518198
Fax int.+380+652+515700
info@camozzi.com.ua
www.camozzi.ru

Camozzi Pneumatic
Korbusheva St. 2 Off. 412
246029 Gomel
Byelorussia
Tel. int.+375+232478064
Fax int.+375+232478417
camozzi@mail.gomel.by

Camozzi Pneumatic Kazakhstan LLP
17, Naurizbai Batir Street, office 102
050004, Almaty
Kazakhstan
Tel/Fax int.+7+3272+445870/71
info@camozzi.kz

Camozzi Pneumatics Inc.
2160 Redbud Blvd., TX 75069
P.O. Box 2386, TX 75070
McKinney - Texas
U.S.A.
Tel. int.+1+972+548+8885
Fax int.+1+972+548+2110
info@camozzi-usa.com
www.camozzi-usa.com

Camozzi Neumatica S.A. de C.V.
Av. Santa Ana 18
Parque Industrial Lerma
52000 Lerma
Mexico
Tel. int.+52+728+2854153
Fax int.+52+728+2850861
camozzi@camozzi.com.mx
www.camozzi.com/mx

Camozzi do Brasil Ltda.
Rua Estácio de Sá, 1042
CEP 13080-010 Campinas SP
Brazil
Tel. int.+55+19+2137+4500
Fax int.+55+19+2137+4530
camozzi@camozzi.com.br
www.camozzi.com/br

Camozzi Neumatica S.A.
Prof. Dr. Pedro Chutro 3048
1437 Buenos Aires
Argentina
Tel. int.+54+11+49110816
Fax int.+54+11+49124191
info@camozzi.com.ar
www.camozzi.com/arg

Camozzi Venezuela S.A.
Calle 146 con Av. 62
N°146-180
P.O.Box 529
Zona Industrial Maracaibo
Edo. Zulia
Venezuela
Tel. int.+58+261+7360216
Fax int.+58+261+7360401
info@camozzi.com.ve
www.camozzi.com.ve

Camozzi Iran Co. Ltd.
Motahari Ave. No. 243
Teheran
Iran
Tel. int.+9821+88732130
Fax int.+9821+8738552
adm-camir@safineh.net
www.camozzi.com/ir

Shanghai Camozzi Pneumatic Control Components Co, Ltd.
415, Ren De Road
200434 Shanghai
China
Tel. int.+86+21+65363650
Fax int.+86+21+65360613
info@camozzi.com.cn
www.camozzi.com/cn

Shanghai Camozzi Automation Control Co, Ltd.
717, Shuang Dan Road,
Malu Town
201801 Jiading Ind. District
Shanghai
China
Tel. int.+86+21+59100999
Fax int.+86+21+59100333
info@camozzi.com.cn
www.camozzi.com/cn

Camozzi India Private Limited
C-130 Phase II Ext., Hosiery Complex
Noida - 201 305
(uttar Pradesh) **India**
Tel. int.+91+120+2560 061-65
Fax int.+91+120+2568 866
info@camozzi-india.com
www.camozzi.com/in

Camozzi Malaysia SDN BHD
30, Jalan Pemberita, U1/49
Seksyen U1
Temasya Industrial Park
40150 Shah Alam
Malaysia
Tel. int.+60+3+55690173
Fax int.+60+3+55690171
camozzi@myjaring.net

Technical assistance

Technical information
Special products
Tel. +39+030+3792390
service@camozzi.com

Technical information
Product information
Site visit request
Tel. +39+030+3792790
service@camozzi.com



Products classified for the use in potentially explosive atmospheres (Directive Atex 94/9/CE)

As from the first of July 2003, all products which are commercialised in the European Union and destined to be used in **potentially explosive atmospheres**, have to be approved according to the directive 94/9/CE, also known as ATEX. This new directive also refers to non-electric items, like pneumatic drives, which need to be approved.



» The European certification for products destined to be used in potentially explosive zones

These are the main changes introduced by the new directive 94/9/CE:

- Also non-electric apparatus and devices, as pneumatic cylinders, are part of the Directive
- The apparatus are assigned to different categories which are assigned to pre-determined potentially explosive zones.
- The products are identified with the CE mark Ex.
- The application instructions and the declarations of conformity should be supplied with each sold product used in potentially explosive zones.
- Products destined to be used in potentially explosive zones, where there is a presence of powder or dust, are included in the directive as well as products destined to be used in zones with the presence of dangerous gases. A potentially explosive atmosphere could be composed of gas, mist, steam or dust which can be created in manufacturing processes or in all those areas in which there is a constant or random presence of inflammable substances.
- An explosion can occur when there is an existing presence of inflammable substances and an ignition source in a potentially explosive atmosphere.

An ignition source could be:

- Electrical (electric arcs, induced current, heat generated by the Joule effect)
- Mechanical (heat between surfaces caused by friction, sparks generated by the collision of metallic bodies, adiabatic compression)
- Chemical (exothermic reactions between materials)
- Naked flames

The products which are subject to the approval are those which, during their normal use or because of a malfunction, present one or more ignition sources for the potentially explosive atmospheres.

The producer has to guarantee that the product conforms with the declarations and to the marking of the product. Moreover the product should always be accompanied by the relative instructions.

The builder of the equipment and/or user should identify the risk zone in which the products, to which directive 99/92/CE refers, are used and purchase the product according to the use in the pre-determined zone paying attention to the specifications in the relative instructions.

In case a product is composed by two components with different markings, the component which is classified in the lowest category defines the class to which the complete product belongs.

Example:
solenoid suitable for Category 3
marked ...
Ex - II 3 EEx...

and valve suitable for Category 2 ...
Ex - II 2 EEx...
The valve unit with solenoid can be used only in category 3 or zone 2/22.

ZONES, GROUPS AND CATEGORIES

In the places and for the types of equipment subject to Directive 99/92/CE, the employer should execute the classification of the zones regarding the danger of the creation of explosive atmospheres because of the presence of gas or dust.

The apparatus for the use in potentially explosive zones are divided in GROUPS:

» GROUP I: apparatus / devices used in mines

» GROUP II: apparatus / devices used in installations above the ground.

APPARATUS FOR MINES GROUP I

- » CATEGORY M1
Functioning in explosive atmospheres
- » CATEGORY M2
Non-supplied equipment in explosive atmospheres

APPARATUS FOR INDUSTRIES ABOVE THE GROUND GROUP II

Product category	GAS	DUST / POWDER
1	Zone 0	Zone 20
2	Zone 1	Zone 21
3	Zone 2	Zone 22

CLASSIFICATION IN ZONES ACCORDING TO DIRECTIVE 99/92/CE:

- Category 1** » Zone 0 - Area in which (permanently, for long periods or often) an explosive atmosphere is present, consisting of a mixture of air and inflammables in the form of gas, vapour or mist.
- Zone 20 - Area in which (permanently, for long periods or often) an explosive atmosphere is present in the form of a dust/powder cloud which is combustible in the air.
- Category 2** » Zone 1 - Area in which, during normal activities, the formation of an explosive atmosphere is probable, consisting of a mixture of air and inflammables in the form of gas, vapours or mist.
- Zone 21 - Area in which occasionally during normal activities the formation of an explosive atmosphere is probable, in the form of a dust/powder cloud which is combustible in the air
- Category 3** » Zone 2 - Area in which, during normal activities, the formation of an explosive atmosphere, consisting of a mixture of air and inflammables in the form of gas, vapour or mist is not probable and, whenever this should occur, it is only of a short duration.
- Zone 22 - Area in which, during normal activities, the formation of an explosive atmosphere in the form of a combustible dust/powder cloud is not probable and, whenever this should occur, it is only of a short duration.

EXAMPLE OF MARKING II 2 GD c T5 T100°C -20°C≤Ta≤60°C

- II** » Group: Devices which are to be used in spaces exposed to risks of an explosive atmosphere, different from underground spaces, mines, tunnels, etc., individuated according to the criteria in enclosure I of the Directive 94/9/CE (ATEX).
- 2** » Category: Devices designed to function in compliance with the operational parameters determined by the manufacturer and guarantee a high protection level.
- GD** » Qualification gas and powders: Protected against gas (G) and explosive powders.
- c** » Non-electrical devices: Non-electrical devices for potentially explosive atmospheres. Protection through constructive security.
- T5** » Max. temperature for components with gas:
Max. superf. temp. of 100 °C regarding potential hazards which may result from striking within gasy environments.
- T 100°C** » Max. temperature for components with powders: Max. superf. temp. of 100 °C regarding potential hazards resulting from striking within the vicinity of hazardous powders.
- Ta** » Environmental temperature: -20°C≤Ta≤60°C. Environmental temperature range (with dry air).

GROUP I: TEMPERATURE CLASSES

Temp. = 150 °C
or = 450 °C according to the level
of dust on the apparatus.

GROUP II: TEMPERATURE CLASSES

Temp. classes for gas (G)	Admissible surface temperatures
T1	450°C
T2	300°C
T3	200°C
T4	135°C
T5	100°C
T6	85°C

ATEX CERTIFIED CAMOZZI PRODUCTS

APPARATUS regarding ATEX - Group II

Cylinders series	Category	Zone	Gas/Powder	Valves series	Category	Zone	Gas/Powder	Solenoids series	Category	Zone	Gas/Powder
16*	2 DE-3 SE	1/21 DE-2/22 SE	G/D	9#*	2	1/21	G/D	U70	3	2/22	G/D
24*	2 DE-3 SE	1/21 DE-2/22 SE	G/D	K	3	2/22	G/D	H80	2	1/21	G/D
25*	2 DE-3 SE	1/21 DE-2/22 SE	G/D	P	3	2/22	G/D	FRL Groups	Category	Zone	Gas/Powder
40*	2 DE	1/21 DE	G/D	W	3	2/22	G/D	MC#	2	1/21	G/D
41*	2 DE	1/21 DE	G/D	A#	2	1/21	G/D	N	2	1/21	G/D
52*	3	2/22 DE	G	3#	2	1/21	G/D				
60*	2 DE-3 SE	1/21 DE-2/22 SE	G/D	4#	2	1/21	G/D				
61*	2 DE-3 SE	1/21 DE-2/22 SE	G/D	NAMUR#	2	1/21	G/D				
27	2 DE	1/21 DE	G/D	E (pneumatic)	2	1/21	G/D				
31	2 DE-3 SE	1/21 DE-2/22 SE	G/D	E (electro-pneumatic)	3	2/22	G/D				
QP	2 DE-3 SE	1/21 DE-2/22 SE	G/D	Y	3	2/22	G/D				
42	2 DE-3 SE	1/21 DE-2/22 SE	G/D	2	2	1/21	G/D				
CST/CSV	3	2/22	G/D								

* According ISO
without solenoid
DE = Double acting cylinder
SE = Single acting cylinder

COMPONENTS regarding ATEX - Group II

Products	Category	Zone	Gas/Powder
Silencers	2	1/21	G/D
Quick release couplings	2	1/21	G/D
Manifolds	2	1/21	G/D
Subbases	2	1/21	G/D
Feet	2	1/21	G/D
Blanking plates	2	1/21	G/D
Plates	2	1/21	G/D

» The order code number of the certified products is obtained by adding "EX" to the standard article number.

Example
Es. 358-015 standard solenoid valve
Es. 358-015EX ATEX certified solenoid valve

Atex products

Apparatus regarding ATEX
Group II - Category 2



II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Minicylinders Series 16 - 24 - 25 double-acting
Cetop RP52-P DIN/ISO 6432 standard

- » Series
 - 16 = non-magnetic
 - 24 = magnetic
 - 25 = magnetic, adjustable cushioning
- » Diameter
 - 8 - 10 - 12 - 16 - 20 - 25
- » Stroke max mm 1000
- » Versions
 - double-acting
 - double-acting through rod

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Magnetic cylinders Series 27

- » Series 27
- » Bore
 - 20 - 25 - 32 - 40 - 50 - 63
- » Stroke max mm 1000
- » Versions
 - rear end block upper round part for ø20-25-32-40
 - rear end block rear round part for ø20-25-32-40
 - rear end block upper round part for ø20-25-32-40-50-63
 - double-acting

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Magnetic short-stroke cylinders Series QP

- » Series QP
- » Bore
 - 12 - 16 - 20 - 25 - 32 - 40 - 50
 - 63 - 80 - 100
- » Stroke max mm 200
- » Versions
 - double-acting
 - double-acting through rod
 - double-acting non-rotating

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Compact magnetic cylinders Series 31

- » Series 31
- » Bore
 - 12 - 16 - 20 - 25 - 32 - 40 - 50
 - 63 - 80 - 100
- » Stroke max mm 400
- » Versions
 - male rod thread
 - female rod thread
 - non-rotating with flange only double-acting
 - double-acting

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders Series 40 (DIN/ISO 6431 vdma 24562)

- » Series 40
- » Bore
 - 160 - 200
- » Stroke max mm 2500
- » Versions
 - double-acting front and rear cushions
 - double-acting no cushion
 - double-acting rear cushions
 - double-acting front cushions
 - double-acting through rod with front and rear cushions

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders Series 41 aluminium profile (DIN/ISO 6431)

- » Series 41
- » Bore
 - 160 - 200
- » Stroke max mm 2500
- » Versions
 - double-acting front and rear cushions
 - double-acting no cushion
 - double-acting rear cushions
 - double-acting front cushions
 - double-acting through rod with front and rear cushions

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders series 60 double-acting
(DIN/ISO 6431 VDMA 24562)

- » Series 60
- » Bore
 - 32 - 40 - 50 - 63 - 80
 - 100 - 125
- » Stroke max mm 2500
- » Versions
 - double-acting front and rear cushions
 - double-acting no cushion
 - double-acting rear cushions
 - double-acting front cushions
 - double-acting through rod with front and rear cushions

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders series 61 aluminium profile double-acting
(DIN/ISO 6431 VDMA 24562)

- » Series 61
- » Bore
 - 32 - 40 - 50 - 63 - 80
 - 100 - 125
- » Stroke max mm 2500
- » Versions
 - double-acting front and rear cushions
 - double-acting no cushion
 - double-acting rear cushions
 - double-acting front cushions
 - double-acting through rod with front and rear cushions

II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders Series 42

- » Series 42
- » Bore
 - 32 - 40 - 50 - 63
- » Stroke max mm 1000
- » Versions
 - double-acting front and rear cushions
 - double-acting no cushion
 - double-acting rear cushions
 - double-acting front cushions
 - double-acting through rod with front and rear cushions

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Directly operated solenoid valves Series A

- » Series A
- » Ports
 - Ø4 - M5 - 1/8
- » Function
 - NC (normally closed)
 - NO (normally open)
 - NO in line
- without solenoid

II 2 GD c T5 T100°C 0°C≤Ta≤50°C



Pneumatically operated solenoid valves Series E

- » Series E
- » Size
 - 10,5 - 16 - 19
- » Actuation
 - pneumatic bistable - tube 3
 - pneumatic monostable tube 3
 - pneumatic bistable tube 4
 - pneumatic monostable tube 4

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Electropneumatically operated valves Series 3 and 4

- » Series 3 and 4
- » Ports
G1/8 - G1/4
- » Actuation
 - double solenoid (horizontal solenoids)
 - double solenoid (vertical solenoids)
only for Series 4 G1/4
 - single solenoid, spring return (horizontal solenoids)
 - single solenoid, spring return (vertical solenoids)
only for Series 4 G1/4
 - single solenoid, pneumatic spring return (horizontal solenoids)
 - single solenoid, pneumatic spring return (vertical solenoids) only for Series 4 G1/4
 - double solenoid, external servo-command
 - single solenoid, external servo-command
- without solenoid

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Pneumatically operated valves Series 3 and 4

- » Series 3 and 4
- » Ports
G1/8 - G1/4 - G1/2
- » Actuation
 - pneum./pneum. (Series 3)
 - pneum./pneum. (Series 4)
 - pneum./differ. (Series 4)
 - pneumatic/spring (Series 4)
 - pneumatic/spring (Series 3)

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Electropneumatically and pneumatically operated valves Series 9 ISO 5599/1

- » Series 9
- » Ports
G1/8 - G1/4 - G1/2
- » Actuation
 - pneumatic, pneumatic return
 - pneumatic, differential pneumatic return
 - pneumatic, mechanical spring return
 - double solenoid (horizontal solenoids)
 - single solenoid, spring return (horizontal solenoids)
 - solenoid, pneumatic spring return (horizontal solenoids)
- without solenoid

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Mechanically operated valves Series 3

- » Series 3
- » Ports
G1/8 - G1/4
- » Actuation
 - plunger
 - lever/roller
 - unidirectional lever/roller

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Mechanically operated sensor valves Series 3 and 4

- » Series 3 and 4
- » Ports
G1/8 - G1/4
- » Actuation
 - pressure drop/spring
 - pressure/spring
 - pressure/pressure

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Manually operated valves Series 3 and 4

- » Series 3 and 4
- » Ports
G1/8 - G1/4
- » Actuation
- manual

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



Valves Series NA with interface according to namur standard

- » Series NA
- » Ports
G1/4
- » Actuation
 - double solenoid
 - single solenoid spring return
 - pneum. pneum.
 - pneum. spring return
- without solenoid

II 2 GD c II T6 IP6x T85°C



Minivalves series 2 and logic functions

- » Series 2
- » Ports
Ø4 - M5
- » Actuation
 - mechanical
 - manual

II 2 GD EEx m II T6 o T5 o T4



Solenoids Series h80

SOLENOID VOLTAGES

Mod.			
H8B	24 V	50/60 Hz	5,3 V.A.
H8C	48 V	50/60 Hz	5,3 V.A.
H8D	110 V	50/60 Hz	5,3 V.A.
H8D	230 V	D.C.	5,4 W
H83	24 V	D.C.	5,4 W

II 2 GD c T5 T100°C -20°C≤Ta≤60°C



FRL

- » Series MC - N
- » Ports
1/8 - 1/4 - 3/8 - 1/2

Atex products

Apparatus regarding ATEX
Group II - Category 3



II 2 GD c T4 T120°C -20°C≤Ta≤80°C



Minicylinders series 16 - 24 - 25 single-acting
Cetop RP52-P DIN/ISO 6432

- » Series
 - non-magnetic
 - magnetic
- » Bore
 - 8 - 10 - 12 - 16 - 20 - 25
- » Strokes 10÷50
- » Versions
 - single-acting (front spring)
 - single-acting through rod

II 3 GD c T4 T120°C -20°C≤Ta≤80°C



Magnetic short-stroke cylinders series QP single-acting

- » Series OP
- » Bore
 - 12 - 16 - 20 - 25 - 32 - 40 - 50
 - 63 - 80 - 100
- » Strokes 5÷25
- » Versions
 - single-acting (front spring)

II 3 GD c T4 T120°C -20°C≤Ta≤80°C



Compact magnetic cylinders Series 31 single-acting

- » Series 31
- » Bore
 - 12 - 16 - 20 - 25 - 32 - 40 - 50
 - 63 - 80 - 100
- » Strokes 5÷25
- » Versions
 - male rod thread
 - female rod thread

II 3 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders series 60 single-acting
(DIN/ISO 6431 VDMA 24562)

- » Series 60
- » Bore
 - 32 - 40 - 50 - 63 - 80 - 100
- » Strokes 10÷75
- » Versions
 - single-acting front spring
 - single-acting through rod
 - cushioned on the side opposite the spring

II 3 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders series 61 aluminium Profile single-acting
(DIN/ISO 6431 VDMA 24562)

- » Series 61
- » Bore
 - 32 - 40 - 50 - 63 - 80 - 100
- » Strokes 10÷75
- » Versions
 - single-acting front spring (ø 32 ± ø 100)
 - single-acting through rod
 - cushioned on the side opposite the spring

II 3 GD c T4 T120°C -20°C≤Ta≤80°C



Cylinders Series 42 single-acting

- » Series 42
- » Bore
 - 32 - 40 - 50 - 63
- » Strokes max mm 10÷75
- » Versions
 - single-acting front spring
 - single-acting through rod
 - cushioned on the side opposite the spring

II 3 GD c T4 T120°C -20°C≤Ta≤80°C



Rodless cylinders Series 52

- » Series 52
 - » Diameter
 - 25 - 32 - 40
 - » Max. stroke up to 6000 mm
 - » Versions
 - basic
 - slide bearing
 - roller bearing
- All available with standard or short carriage

II 3 GD Eex nA T4



Solenoids

SOLENOID VOLTAGES			
Mod.			
U710EX	110 V	D.C.	3,2 W
U7HEX	12 V	D.C.	3,1 W
	24 V	50/60Hz	3,5 V.A.
U77EX	24 V	D.C.	3,1 W
	48V AC	50/60Hz	3,5 V.A.
U771EX	24 V	D.C.	3,1 W
U75EX	24 V	D.C.	2,2 W
U73EX	24 V	D.C.	5 W
U76EX	110 V	D.C.	4,2 W
U79EX	48 V	D.C.	3,1 W
U7KEX	110 V AC	50/60Hz	4,3 W
	125V AC	50/60Hz	5,5V.A.
U7K1EX	110 V AC	50/60Hz	4,3 V.A.
U72EX	12 V	D.C.	5 W
U74EX	48 V	D.C.	5,3 W
U71EX	6 V	D.C.	5,1 W
U7JEX	230 V AC	50/60Hz	3,5 V.A.
	240 V AC	50/60Hz	4 V.A.

II 3 GD Eex nA T4



Connectors

- » Products
 - Connectors for solenoids
- » Series
 - 122-800EX

II 3 GD Eex nA II T4 IP50 T110°C 0°C≤Ta≤50°C X
II 3 GD Eex nA II T4 IP65 T110°C 0°C≤Ta≤50°C X



Electropneumatically operated solenoid valves Series E

- » Series E
 - equipped with solenoids series k 24V D.C.
 - equipped with solenoids series P 24V D.C.
- » Size
 - 10,5 - 16 - 19
- » Actuation
 - electropneumatic bistable
 - electropneumatic monostable

II 3 GD Eex nA II T4 IP50 T110°C 0°C≤Ta≤50°C X



Directly operated solenoid valves Series K A 24V D.C.

- » Series K
- » Ports
 - interface
 - M5 side
- » Actuation
 - 3 way N.C.
 - 3 way N.O.

II 3 GD Eex nA II T4 IP65 T110°C 0°C≤Ta≤50°C X



Directly operated solenoid valves Series W A 24V D.C.

- » Series W
- » Ports
 - interface
 - M5 side
 - tube ø3 side
 - tube ø4 side
 - M5 rear ports
 - tube ø3 rear ports
 - tube ø4 rear ports
- » Actuation
 - 3 way N.C.
 - 3 way N.O.

II 3 GD Eex nA II T4 IP65 T110°C 0°C≤Ta≤50°C X



Directly operated solenoid valves Series P A 24V D.C.

- » Series P
- » Ports
 - interface
 - tube ø3 side port
 - tube ø4 side port
 - tube ø3 rear ports
 - tube ø4 rear ports
- » Actuation
 - 3 way N.C.
 - 3 way N.O.

Reed: II 3 GD EEx nC II T4 IP67 T110°C -10°C≤Ta≤50°C
Hall: II 3 GD EEx nA II T4 IP67 T110°C -10°C≤Ta≤50°CMagnetic proximity switches
Series CST - CSV

- » Series CST - CSV
- » Model
 - 2 wires (only Reed)
 - 3 wires
 - 2 wires with M8 connector (only Reed)
 - 3 wires with M8 connector
- » Versions
 - T-slot
 - V-slot

II 3 GD Eex nA II T4 IP65 T110°C 0°C≤Ta≤50°C X



Valve island Series Y

- » Series Y
- » Connections
 - outlets 2 and 4 - G1/8
 - inlets 1 and 11 - G1/4
 - outlets 3 and 5 - G1/2
 - Pilot and exhaust port G1/8
- » Actuation
 - Electropneumatically operated:
 - monostable
 - bistable
 - three positions

Atex Products

Components regarding ATEX
Group II - Category 2 - Category 3



Usable in Category 2 GD



Silencers

- » Products
 - Silencers
- » Series
 - 2901 - 2903 - 2921 - 2931
 - 2938 - 2939

Usable in Category 2 GD



Brackets

- » Products
 - Brackets
- » Cylinders and minicylinders
 - Series
 - 16 - 24 - 25 - 27 - 31
 - 40 - 41 - 60 - 61 - 42 - QP

Usable in Category 2 GD



Fittings

- » Products
 - Fittings
 - Accessories fittings
- » Series
 - 6000 - S6000
 - 8000
 - 1000
 - S2000 - 2000
 - 7000
 - 5000

Usable in Category 2 GD



Manifolds, sub-bases and accessories

- » Products
 - Manifolds, subbases
 - and accessories
- » Series
 - W - P - K - E - 3/4 - 9 - Namur

Usable in Category 2 GD



Automatic valves

- » Products
 - Automatic valves
- » Series
 - SCS - VNR - VSO - VSC
 - VBO - VBU
 - SCU - MCU - SVU - MVU - SCO - MCO
 - GSCU - GMCU - GSVU - GMVU
 - GSCO - GMCO - RFU - RFO
 - 28

Usable in Category 3 GD



Connectors

- » Products
 - Connectors for solenoids
- » Series
 - 121-800
 - 125-800
 - 126-800