



**ELETTROVALVOLE
SOLENOID VALVES**

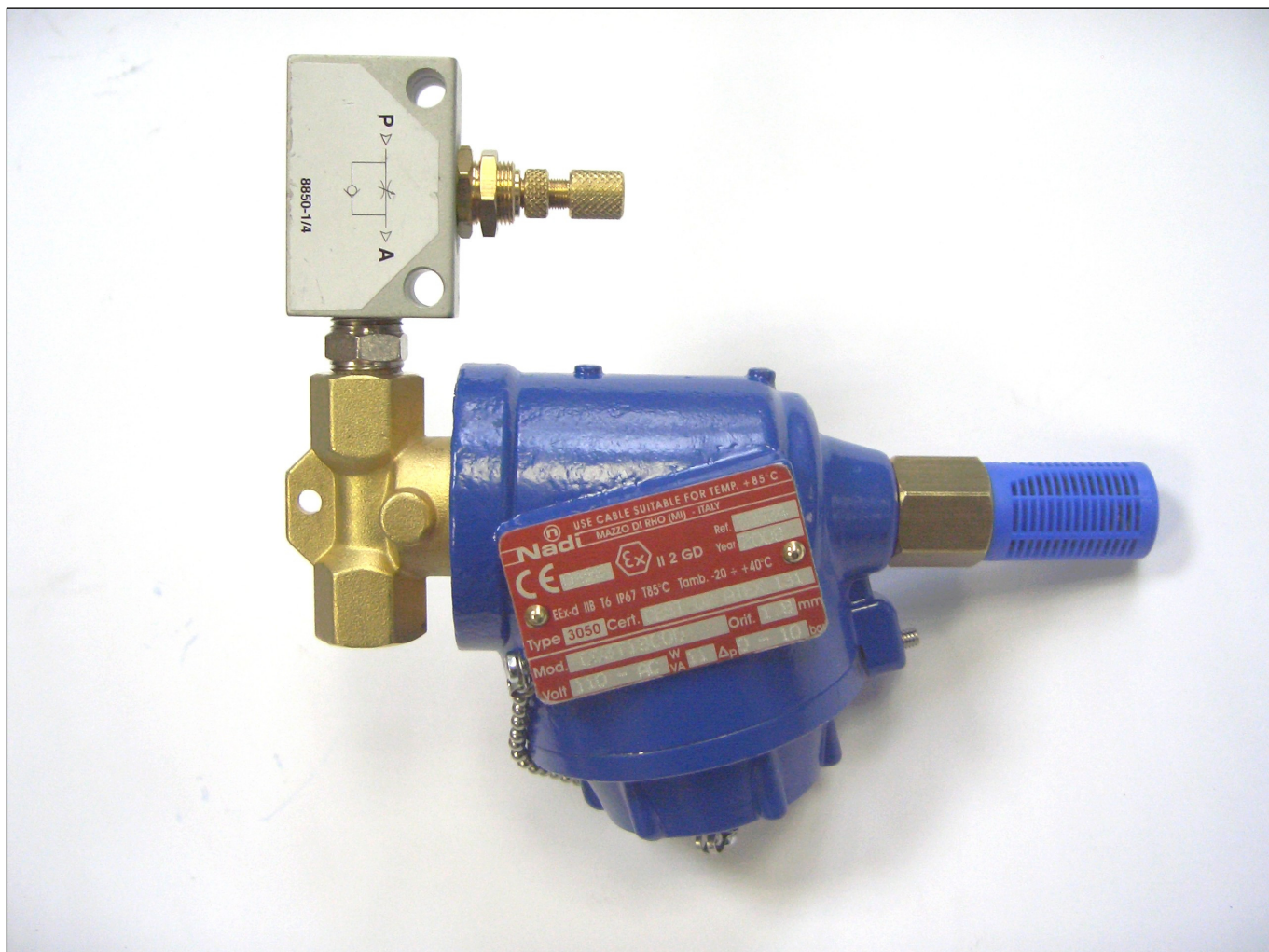
EVN31 – EVN33

EVN31

ELETTROVALVOLE Eex IIB T6 3 vie

SOLENOID VALVES Eex IIB T6 3 way

(CT03T18C0B - internal reference)



EVN33

ELETTROVALVOLE Eex IIC T6 3 vie

SOLENOID VALVES Eex IIC T6 3 way

(CT03T18C0C - internal reference)

DIPONIBILI CON SILENZIATORI IN OTTONE O IN PLASTICA.

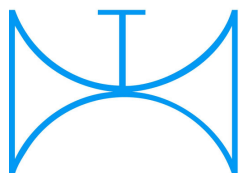
DISPONIBILI CON FILTRO RIDUTTORE DI FLUSSO.

DISPONIBILI CON FILTRO REGOLATORE DI FLUSSO.

AVAILABLE WITH BRASS OR PLASTIC SILENCERS.

AVAILABLE WITH REDUCING FILTER OF FLOW.

AVAILABLE WITH FILTER FLOW REGULATOR.



ELETTROVALVOLE SOLENOID VALVES

EVN31 – EVN33

EVN31 ELETTROVALVOLE Eex IIB T6 3 vie (CT03T18C0B - internal reference)

EVN31 SOLENOID VALVES Eex IIB T6 3 way (CT03T18C0B - internal reference)

EVN33 ELETTROVALVOLE Eex IIC T6 3 vie (CT03T18C0C - internal reference)

EVN33 SOLENOID VALVES Eex IIC T6 3 way (CT03T18C0C - internal reference)

GENERAL DESCRIPTION / APPLICATIONS



Three way direct acting solenoid valve with spring return.

Suitable for gaseous and liquid media compatible with the (body/seals) material used, vacuum.

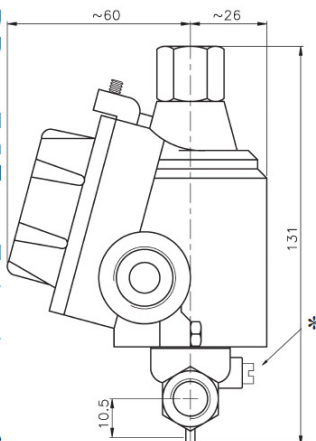
Forged brass, nickel-plated brass or stainless steel body.

Stainless steel internal parts.

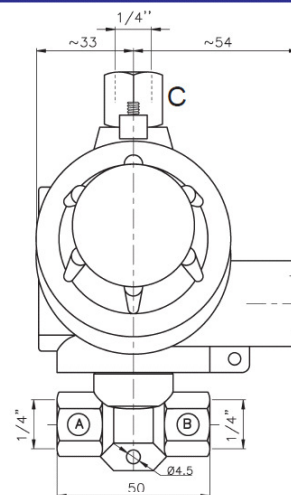
Stainless steel springs.

360° degrees orientable solenoid.

Mountable in any position.



* Optional Manual Operator



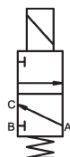
ELECTRICAL INFORMATION

Light alloy epoxy painted explosion-proof solenoid housing. Electrical and mechanical parts certified according to 94/9/CE ("ATEX") directive, suitable to control the flow of flammable and/or inert gases or liquids. Internal and external anti-twist ground connecting screws. Inside terminal board suitable for cable up to 2,5 mm².

cable entry threaded:	1/2" Gk UNI-6125 (standard) 1/2" NPT, ISO M20x1.5 (available upon request)
protection class:	IP-67
Ex protection class:	II 2 GD (EEx-d IIB, IIC), II 1/2 GD (EEx-d IIB, IIC)
Temperature class:	T6/T5 (t.amb -20 ÷ +40 °C) T5/T4 (t.amb -20 ÷ +55 °C) upon request.
Coil insulation class:	F (155°C) - H (180°C) upon request.
Winding wire class:	H (180°C).
Duty:	Continuous (S.I.) 100% ED
Power consumption:	Alternate current 11VA (inrush 28VA). Direct current 11W.
Tolleranza tensione:	± 10% (standard) others available upon request
Voltage tolerance:	± 10%
Insulation:	>1000 MOhm
Dielectrical Strength:	>2000 V/1'
Standard voltages	12, 24, 48, 110, 115, 125, 220, 240 Volt
DC= o AC~(50/60Hz):	other voltages available upon request.



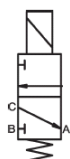
OPERATION



C03.P - Normally closed.

In:
Out:
Vent:
Coil de-energized:

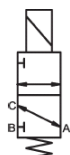
B
A
C
Input B closed
from B to vent C
from A to B
vent C closed



C08.P - Normally open.

In:
Out:
Vent:
Coil de-energized:

C
A
B
from C to A.
vent B closed.
from A to vent B
input C closed



C13.P - Universal

In:
Out:
Vent:
Coil de-energized:

A, B or C
A, B or C
A, B or C
port B closed.
port A and C open.
port C closed
port A and B open.

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL		ORIFICE DIAMETER mm	PRESSURES IN BAR						Flow factor kv (liters/min.)	WEIGHT Kg.		
Replace with: C08 for N.O. model C13 for Univ.model			MIN./MAX. OPERATING DIFFERENTIAL PRESSURE									
			MIN.	MAX. NORM. CLOSED (C03)		MAX. NORM. OPEN (C08)		MAX. UNIVERSAL (C13)				
				AC~	DC=	AC~	DC=	AC~	DC=			
↓	a	b c d e										
C 0 3	1 8		1,8 / 1,8	0	10	10	10	10	6	6	1,2	0,8