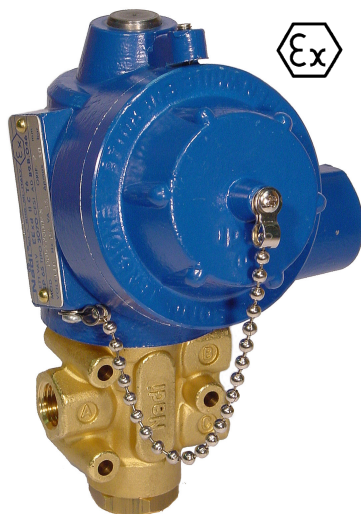


GENERAL DESCRIPTION / APPLICATIONS



Three way direct acting solenoid valve with spring return.

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

Not suitable for liquid media.

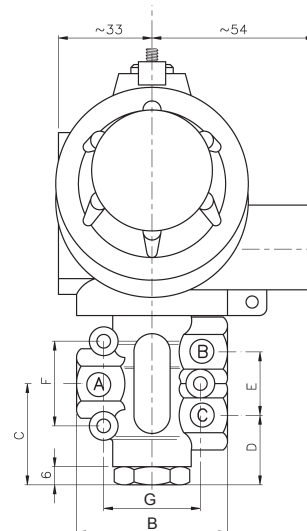
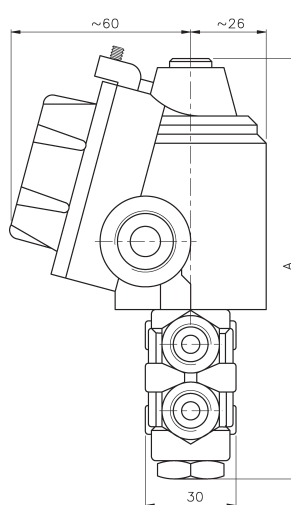
Forged brass, nickel-plated brass or stainless steel body.

Stainless steel internal parts.

Stainless steel springs.

360° degrees orientable solenoid.

Mountable in any position.



ELECTRICAL INFORMATION

Light alloy explosion-proof "Ex-d" (EN60079-1) solenoid housing. Electrical and mechanical parts certified according to 2014/34/UE ("ATEX") directive, suitable to control the flow of inert and/or flammable 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" NPT, ISO M20x1.5 (available upon request)

protection class: IP-67

Ex protection class: Ex-d II 1G/2GDc (IIB o IIC)

Temperature class: T6 or T5 (t.amb -20 ÷ +40 °C)

T5 or T4 (t.amb -20 ÷ +60 °C) upon request.

T5 or T4 (t.amb -60 ÷ +60 °C) upon request ⁽¹⁾

F (155°C) - H (180°C) upon request.

Coil insulation class: H (180°C).

Winding wire class: Continuous (S.I.) 100% ED

Duty: Alternate current* 11W.

Power consumption ₍₂₎: Direct current 11W.

Tolleranza tensione: ± 10% (standard) others available upon request

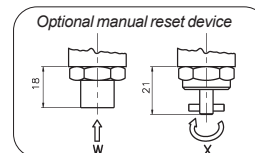
Voltage tolerance: ± 10%

Insulation: >1000 MOhm

Dielectrical Strength: >2000 V/1'

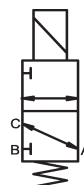
Standard voltages 12, 24, 48, 110, 115, 125, 220, 240 Volt

DC = ₍₃₎ o AC ~ (50/60Hz): other voltages available upon request.



OPERATION

C28 / C38 - Universal



In: A, B or C
Out: A, B or C
Vent: A, B or C
Coil de-energized: port B closed. port A and C open.
Coil energized: port C closed. port A and B open.

SPECIFICATIONS AND DIMENSIONS

MODEL					ORIFICE DIAMETER mm	PRESSURE IN BAR			Flow factor kv (liters/min.')	WEIGHT Kg.	DIMENSION (millimeters)						
						NOMINAL MAX.	DIFFERENTIAL				A	B	C	D	E	F	G
a	b	c	d	MIN.	MAX.												
C 2 8	6 0	C			6	10	0	10	9	0,9	138,5	50	33,5	23	21	28	32
C 2 8	6 0	D			6	10	0	10	9	0,9	138,5	50	33,5	23	21	28	32
C 3 8	0 9	E			9	10	0	10	16	1,2	157,5	60	43	28	30	40	40
C 3 8	0 9	T			9	10	0	10	16	1,2	157,5	60	43	28	30	40	40
C 3 8	0 9	F			9	10	0	10	16	1,2	157,5	60	43	28	30	40	40
C 3 8	0 9	G			9	10	0	10	16	1,2	157,5	60	43	28	30	40	40

suffix (options available upon request): ⁽¹⁾ "LT" (low t.amb. certificate), ⁽²⁾ "AP" (High pressure version), ⁽³⁾ "V" spike suppressor.

a	Body material	b	Port size	c	Seals material	d	Protection class	e	Optional feature
T	Brass.	C	1/4" GAS	D	1/4" NPT	0	Buna N	B	Ex-d IIB
N	Nickel-plated brass.	E	3/8" GAS	T	3/8" NPT	1	FPM	C	Ex-d IIC
		F	1/2" GAS	G	1/2" NPT	7	HNBR		Manual operator
								X	stable
								W	instable