



Solenoid valve 2/2 way N.C. With pilot control

21W3KV190-OX
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21W7KV500-OX

PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.

A minimum operational pressure of 0,2 bar is required.

The materials used and the tests carried out ensure maximum reliability and duration.

Components, in contact with fluid, oils and greases free and compatible with oxygen for Industrial use.

USE: Automation
Chemical

PIPES: G 3/4 - G 2

COILS: 8W - Ø 13
BDA - BSA 155°C (class F)
BDV 180°C (class H)

COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)

G 3/4 - G 1 25 bar

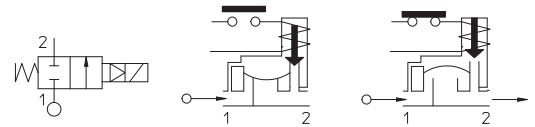
G 1 1/4 - G 2 16 bar

Ambient temperature:

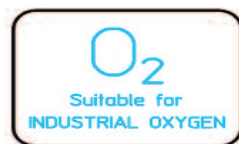
See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+ 60°C	Oxygen



Pipe ISO 228/1	Code	Ø mm	Kv l/mn	Power watt	Pressure		
					min bar	M.O.P.D.	
						AC bar	DC bar
G 3/4	21W3KV190-OX	19	140	8	0,2	16	16
G 1	21W4KV250-OX	25	190			10	10
G 1 1/4	21W5KV350-OX	35	400				
G 1 1/2	21W6KV400-OX	40	520				
G 2	21W7KV500-OX	50	750				



CE Approval

(Pressure Equipment Directive 2014/68/EU)

for S.V. 21W5..-OX+21W7..-OX

Note Don't use as a safety Valve.

The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notice.

MATERIALS:

Body	Brass - UNI EN 12165 CW617N
Armature tube	Stainless steel AISI series 300
Fixed core	Stainless steel AISI series 400
Plunger	Stainless steel AISI series 400
Phase displacement ring	Copper - Cu 99,9%
Spring	Stainless steel AISI series 300
Seal	V=FKM (compatible with O ₂)
Orifice	Brass - UNI EN 12165 CW617N

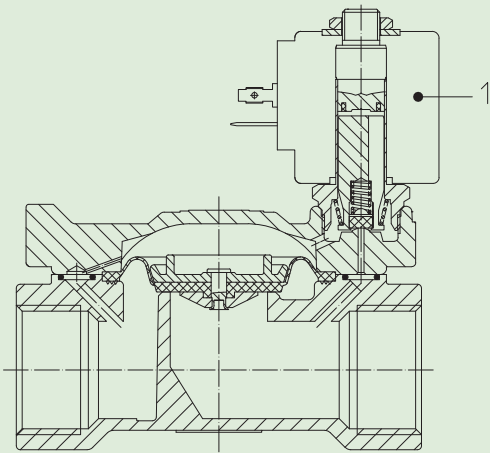
On request:	Pg 9 or Pg 11
Connector	ISO 4400
Connector conformity	

FEATURES:

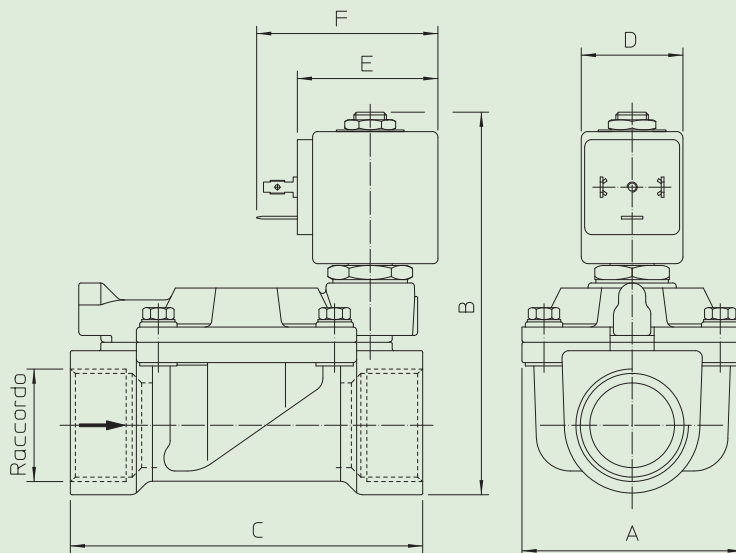
Electrical conformity	IEC 335
Protection degree	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

SPARE PARTS:

- Coil:**
See coils list



DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3KV190-OX	G 3/4	65	105	104
21W4KV250-OX	G 1		112	
21W5KV350-OX	G 1 1/4	98	125	144
21W6KV400-OX	G 1 1/2			
21W7KV500-OX	G 2	118	141	172

COIL TYPE	POWER ABSORPTION			DIMENSIONS		
	W =	Hold VA ~	Inrush VA ~	D mm	E mm	F mm
B	8	14,5	25	30	42	54