Solenoid valve 2/2 way N.C.
With pilot control
equipped with kit and coil Ex mb

21W3QD*V*190 ÷ 21W7QD*V*500

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.



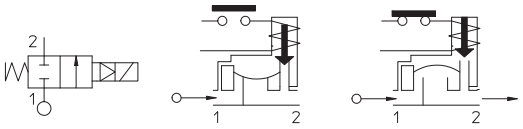
USE: Potentially explosive atmospheres

PIPES: G 3/4 - G 2

COIL: Series TNA - Ø 14,5
(For characteristic see catalogue page)

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	+ 80°C	Mineral oils (2°E), gasoline gas oil
F=H-NBR (hydrogenated nitrile)	- 20°C	+ 80°C	Air, inert gas, water R 134a, R 404a



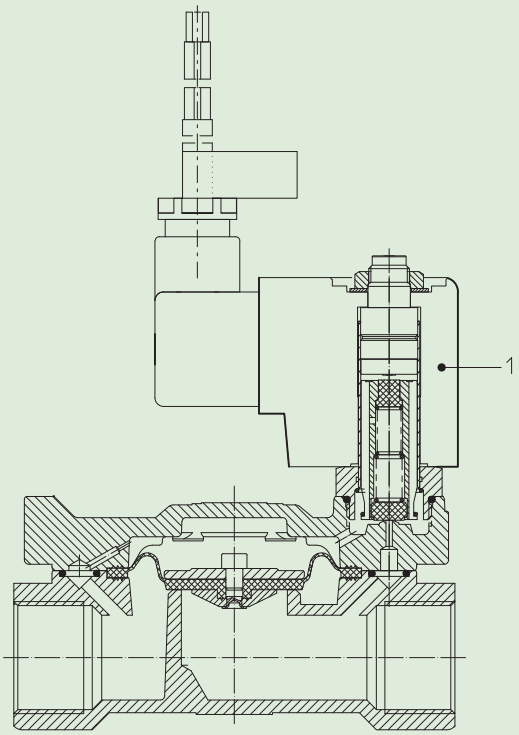
For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21W3QD***F***190.

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 3/4	21W3QD***V***190	12	~ 2	19	140	(See TNA coils catalogue page)	0,2	16	16
G 1	21W4QD***V***250			25	190				
G 1 1/4	21W5QD***V***350			35	400			10	10
G 1 1/2	21W6QD***V***400			40	520				
G 2	21W7QD***V***500			50	750				

CE Approval
(Pressure Equipment Directive 2014/68/EU)
for S.V. 21W5÷21W7

According to Directive 2014/34/EU ATEX
Ex II 2GD IIC T4

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	Standard: V=FKM On request: F=H-NBR
Orifice	Brass - UNI EN 12165 CW617N

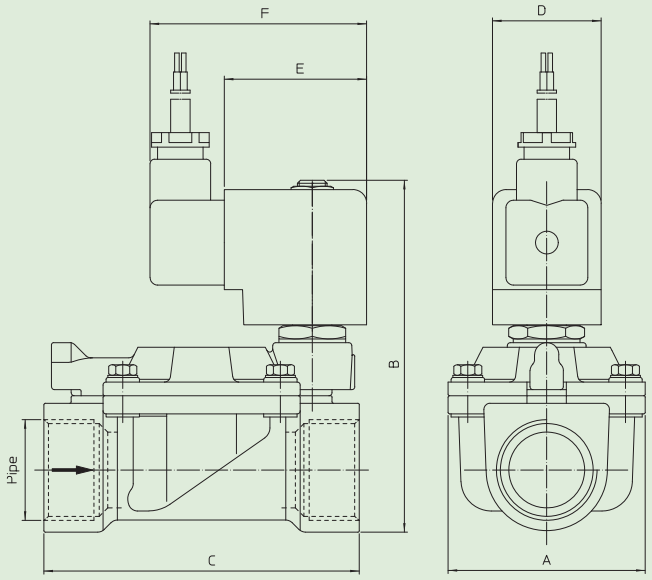
FEATURES:

Protection degree	IP 65 EN 60529 (DIN 40050)

SPARE PARTS:

1. **Coil:**
   See TNA coils list

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21W3QD***V***190	G 3/4	65	111	104
21W4QD***V***250	G 1		118	
21W5QD***V***350	G 1 1/4	98	131	144
21W6QD***V***400	G 1 1/2			
21W7QD***V***500	G 2	118	147	172

COIL TYPE	DIMENSIONS		
	D mm	E mm	F mm
T	36	47	76