Solenoid valve 2/2 way N.C.
Direct acting
equipped with kit and coil Ex mb

21A3QD*V*15 ÷ 21A2QD*V*55

:PRESENTATION:

Direct acting S.V. for interception of fluids compatible with the construction materials.
Minimum operational pressure is not required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Potentially explosive atmospheres

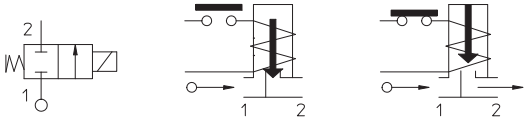
PIPE: G 1/8 - G 1/4

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



Max. allowable pressure (PS) 40 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, fuel oils (7°E)
F=H-NBR (hydrogenated nitrile)	- 20°C	+ 80°C	Air, inert gas, water R 134a, R 404a



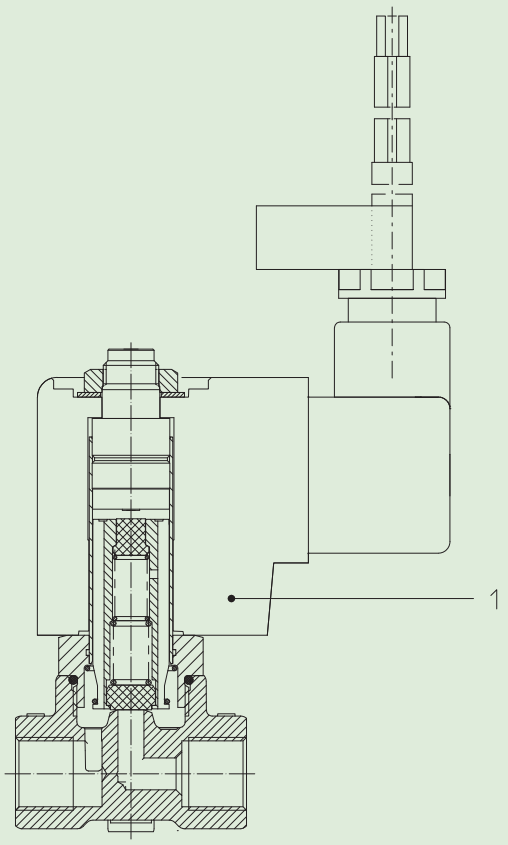
For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21A2QD***F***15.

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 1/8	21A3QD**V**15	12	~ 2	1,5	1,4	(See TNA coils catalogue page)	0	16	16
	21A3QD**V**20	37	~ 5	2	2			16	16
	21A3QD**V**25	53	~ 7	2,5	3,2			14	9
	21A3QD**V**30			3	4			10	6
	21A3QD**V**45			4,5	6,5			5	2
G 1/4	21A2QD**V**15	12	~ 2	1,5	1,4			16	16
	21A2QD**V**20	37	~ 5	2	2			16	16
	21A2QD**V**25	53	~ 7	2,5	3,2			14	9
	21A2QD**V**30			3	4			10	6
	21A2QD**V**45			4,5	6,5			5	2
	21A2QD**V**55			5,5	9			3	1

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:	
≤ 3 mm **Insert slot**	Stainless steel AISI series 300
> 3 mm	Brass - UNI EN 12165 CW617N

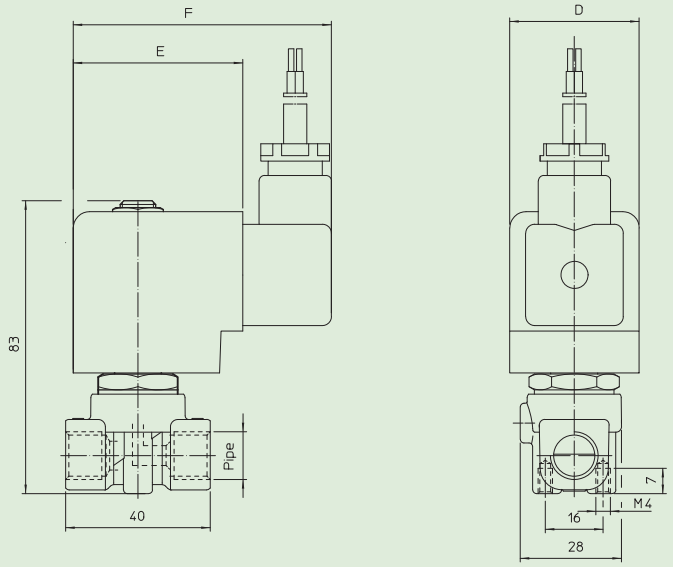
FEATURES:

Protection degree	IP 65 EN 60529 (DIN 40050)

SPARE PARTS:

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

DIMENSIONS:



Type	Pipe ISO 228/1
21A3QD**V**	G 1/8
21A2QD**V**	G 1/4

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