

2/2 way solenoid valve pilot operated
series SL033



PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials. Aluminium coil housing, explosion proof “Ex d” . Electrical and electromechanical components according to Atex Directive 2014/34/EU.
A minimum operational pressure of 0,1 bar is required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Potentially explosive atmospheres
Zone 1, 2, 21, 22

PIPES: G 1/2 - G 1

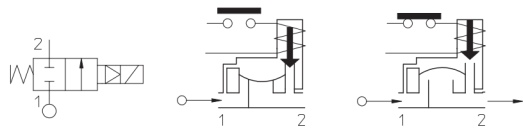
COIL: 8W - Ø 13
BDV 180°C (class H)

Max. allowable pressure (PS) 25 bar
Housing ambient temperature - 40°C + 60°C



Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+ 80°C	Demineralized water, chemical products compatible with stainless steel
F=H-NBR (hydrogenated nitrile)	- 30°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. 21X2KIF120.

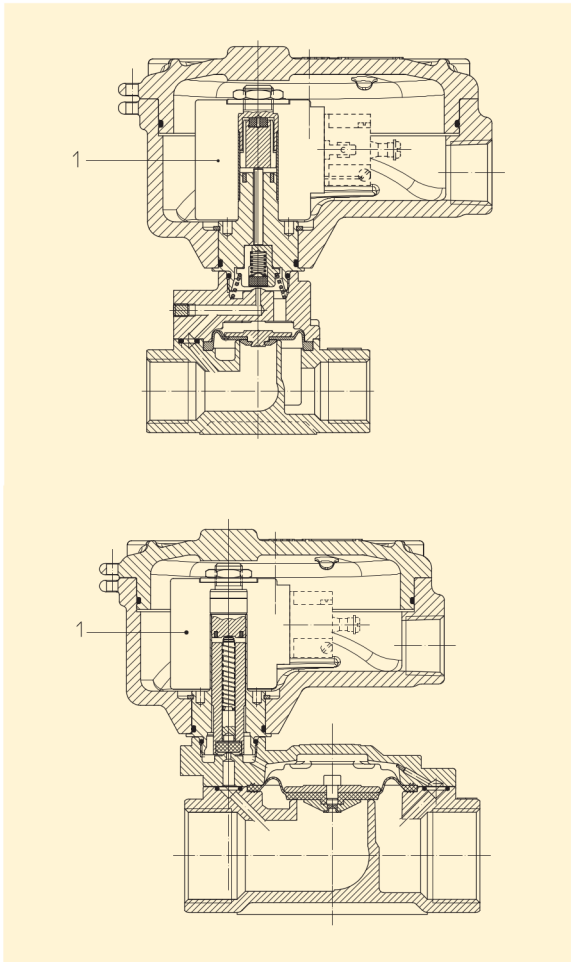


Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
G 1/2	SL033-12	12	~ 2	12	35	8	0,1	20	20
G 3/4	SL033-34			19	130			16	16
G 1	SL033-10			25	160				



(According to Directive 2014/34/EU ATEX)
II 2G Ex d IIC T6 or T5 Gb
II 2D Ex tb IIIC T80°C or T95°C Db IP67

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MATERIALS:

Body	Stainless steel AISI 316
Armature Tube	Stainless steel AISI series 300
Fixed core	Stainless steel AISI series 400
Plunger	Stainless steel AISI series 400
Phase displacement ring	Gold plated copper
Spring	Stainless steel AISI series 300
Seal	Standard: V=FKM On request: F=H-NBR
Orifice	Stainless steel AISI 316
Coil housing:	Die cast and passivated Aluminium

Connector conformity ISO 4400

FEATURES:

Electrical conformity	IEC 335
Protection degree	IP 67 EN 60529 (DIN 40050) if installed with cable gland Atex Ex d IP67 or higher.

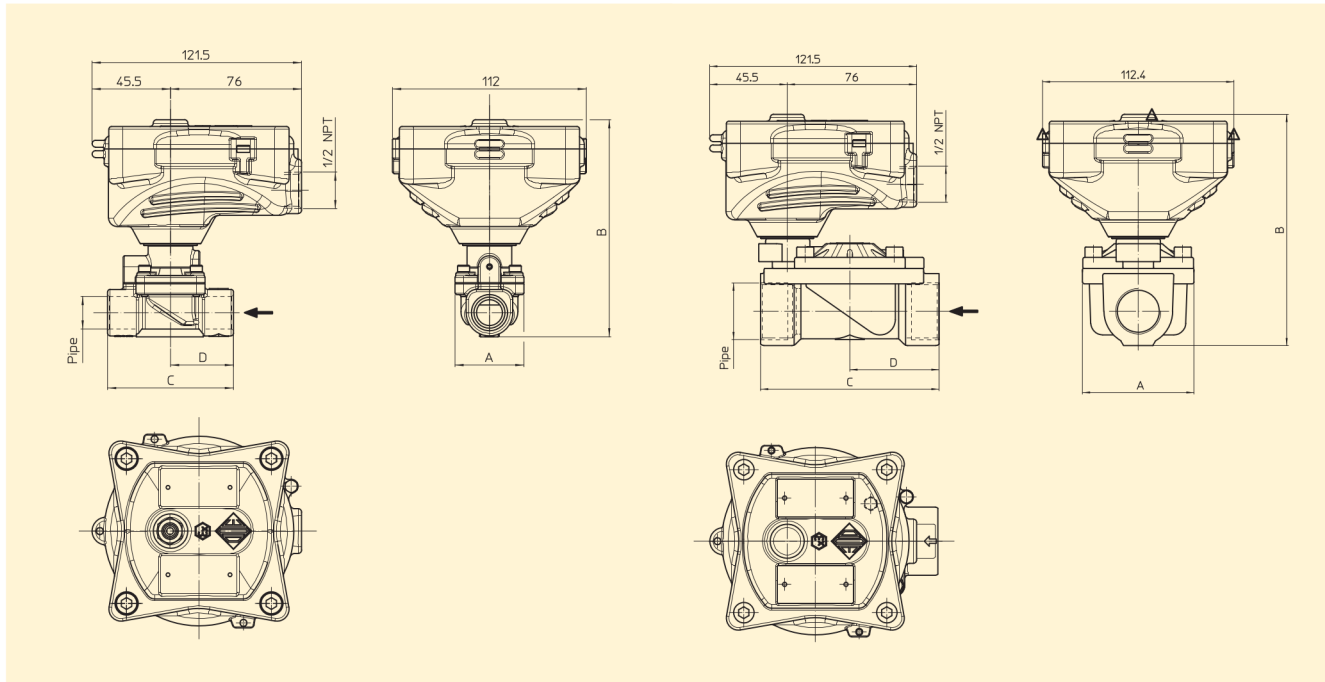
SPARE PARTS:

- 1. Coil:**
See coils list for
Solenoid valves explosion
proof Atex - Ex d

ACCESSORIES:

Code P992219 Cable Gland
(to be ordered separately)

DIMENSIONS:



Pipe ISO 228/1	A mm	B mm	C mm	D mm
G 1/2	40	120	73	36,5
G 3/4	50	140	93	46,5

COIL TYPE	POWER ABSORPTION		
	W ==	Hold VA ~	Inrush VA ~
D	14,5	14,5	25