



Solenoid valve 3/2 way N.C. Direct acting Explosion proof - Atex Ex d

**31L2EIV20
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31L2EIV30**

PRESENTATION:

Direct acting S.V. 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.

Minimum operational pressure is not 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 1/4

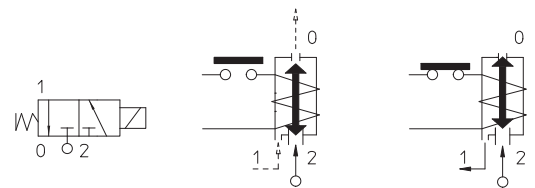
COIL: 8W - Ø 13
BDV 180°C (class H)

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



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)	- 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. 31L2EIF20.



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
G 1/4	31L2EIV20	37	~ 5	2	2	8	0	10	10
	31L2EIV30	53	~ 7	3	4			5	5

According to Directive 2014/34/EU ATEX



II 2G Ex d IIC T6 ° T5 Gb
II 2D Ex tb IIC T80°C ° T95°C Db IP67

Note

* 3rd way exhaust= Ø 3 mm

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

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.

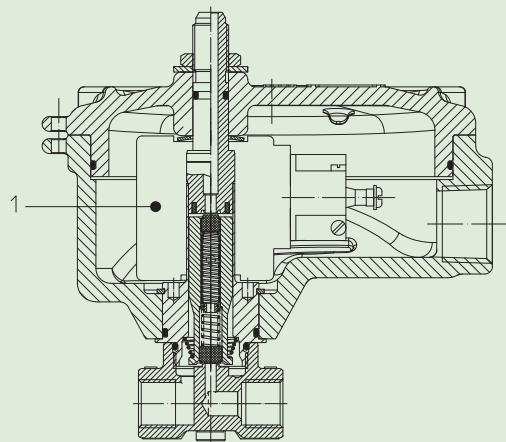
SPARE PARTS:

1. Coil:

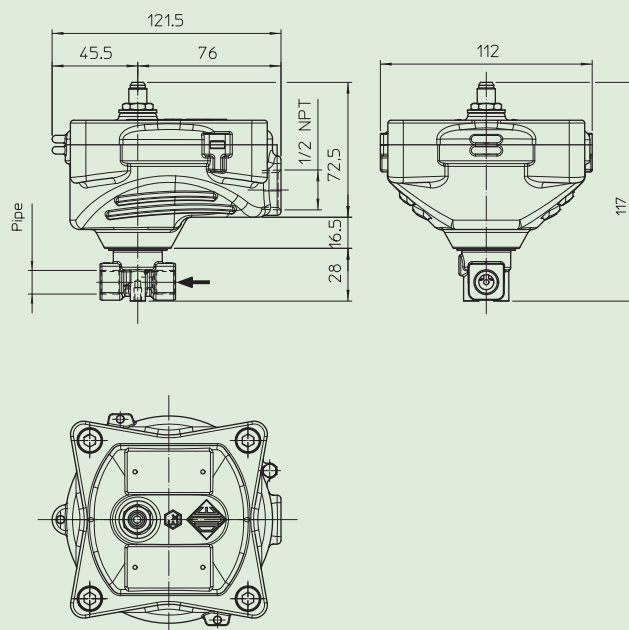
See coils list for
Solenoid valves explosion
proof Atex - Ex d

ACCESSORIES:

Code P992219 Cable Gland
(to be ordered separately)



DIMENSIONS:



COIL TYPE	POWER ABSORPTION		
	W ==	Hold VA ~	Inrush VA ~
B	8	14,5	25