

3/2-way solenoid valve - directly operated series SL042



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

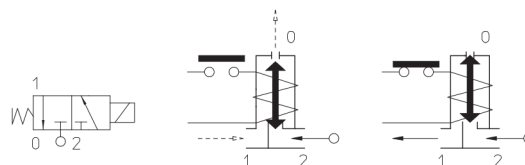
PIPES: G 1/8 - G 1/4

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



Pipe ISO 228/1	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
	cSt	°E				min bar	M.O.P.D.	
G 1/8	12	~ 2	1*	0,45	8	0	20	20
			1,5*	1,4			15	15
	37	~ 5	2*	2			10	10
			2,5*	3,2			6	6
			3*	4			5	5
G 1/4	12	~ 2	1*	0,45			20	20
			1,5*	1,4			15	15
	37	~ 5	2*	2			10	10
			2,5*	3,2			6	6
			3*	4			5	5
	53	~ 7	2,5*	3,2			6	6
			3*	4			5	5



(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

Note

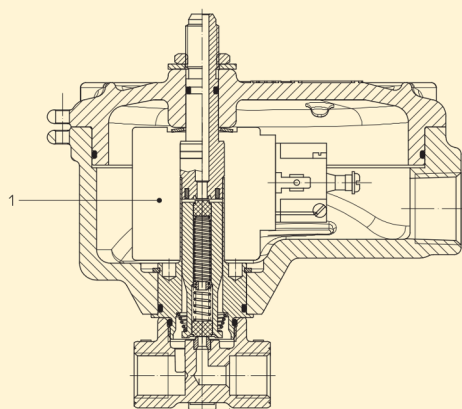
* 3rd way exhaust= Ø 3 mm | Also available with brass body without lead | Available on request and with minimum quantities.

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

Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten

illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice

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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: Insert slot	Stainless steel AISI series 300
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.

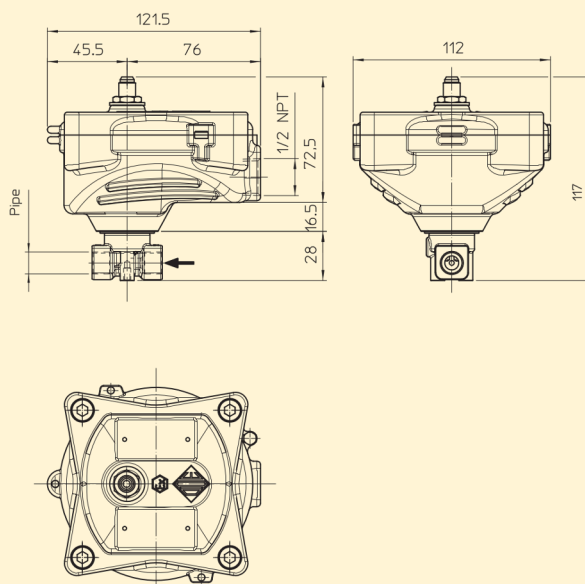
SPARE PARTS:

- 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