

Gas Pressure Switch for Explosion Proof (Variable)

(SGPS-EX-3V) (SGPS-EX-10V) (SGPS-EX-50V) (SGPS-EX-150V) (SGPS-EX-500V)

PRODUCT SPECIFICATION SHEET

EX Rating : Ex nR II T6

Certi No : 13-GA2BO-0767X

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■ Features

- This switch sends electrical signal at the point of setting pressure
- It's possible for users to adjust the setting point within the range of pressure marked.
- This switch has a structure for proof-explosion so that it can keep gas from outside.
- Easy installing, Having slim and unique design.



■ APPLICATION

- . Applied to industrial boiler, Gas burner for boiler and so on.
- . Installing in dangerous place with having possibility to explode.
- . Applied to the dangerous place with having possibility to explode by mixture of air, gas, steam and mist.

■ SPECIFICATIONS

TYPE	Diaphragm type / Adjustable type	
Material	BASE	ALDC12
	COVER	ALDC12
	UPPER	POLYCARBONATE
	Diaphragm and PACKING	NBR
	Terminal	Brass
	ETC	AL5052,AL2021,SUS
Ambient temperature	$-15^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$	
Electrical rating	Min AC24V ~ Max AC250V , 6A (Resistive Load)	
Control fluid	LNG, LPG, AIR	

SPECIFICATIONS

Model		SGPS-EX-3V	SGPS-EX-10V	SGPS-EX-50V	SGPS-EX-150V	SGPS-EX-500V
Max. Sustained pressure		500 mbar				800 mbar
Stand pressure setting range	Factory set point	0.4~3.0 mbar	1.0~10 mbar	2.5~50 mbar	30~150 mbar	100 ~ 500 mbar
	Switching Difference	≤ 0.3 mbar	≤ 0.5 mbar	≤ 1.5 mbar	≤ 5 mbar	≤ 13 mbar
	Adjustable tolerance	± 15%				
	Differential	± 15%				
Degree of protection		IP65				
Electrical connection		At the terminal screw directly, or you have to connect an adapter if you want to use the standard cable grand(M20X1.5). Refer to the below picture				
Pressure connection		PF 1/4"				

■ Dimensions

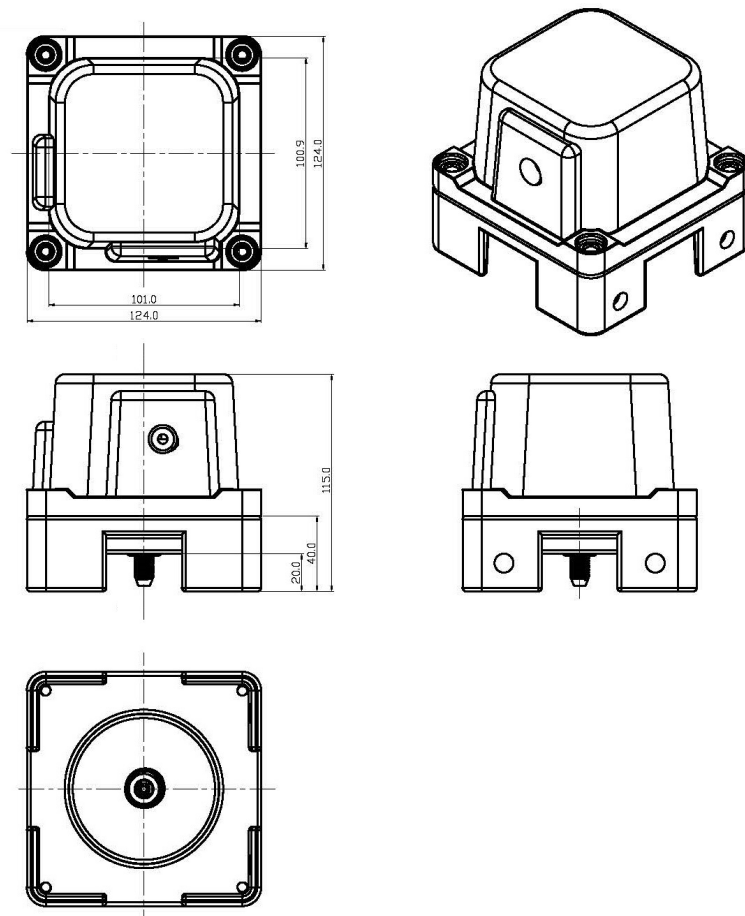


Fig 1. Proof - Explosion Gas pressure switch (V)

The specifications and dimensions can be changed without warning