

PGF TYPE NATURAL GAS PRESSURE SWITCH

FEATURES

The PGRF type gas pressure switch is designed for the safety equipment of the supply lines of natural gas burners. It cuts off the gas supply when the working pressures diverges below or above the set point value pressure (ATG C.320 recommendation). The set point value is easy to set and read using a graduated thumb screw. Rearming is automatic.



AVAILABLE MODEL

Vertical 1/4" G connection.

Lateral 1/4" G connection as an option.

Electrical connection with a DIN 43650 T30 connector.



IP
54

LIMITS OF USE

Electrical protection	IP54
Fluid WP:	690mbar
Emergency WP:	1000mbar
Fluid WT°:	-15°C / +60°C

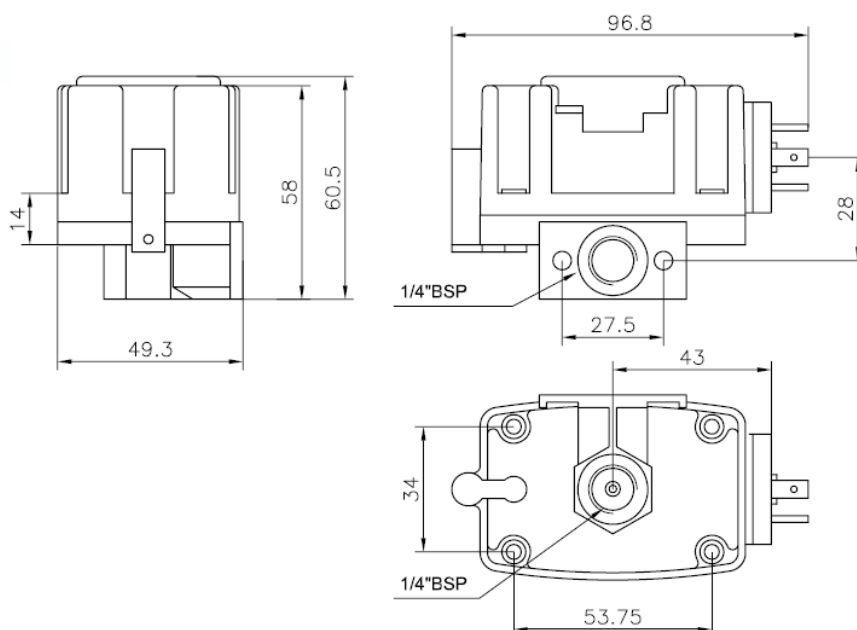
DIRECTIVES AND MANUFACTURING STANDARDS

Compliant with the EN 1854 standard.

Compliant with EC 90/936 and 93/68 gas directives.

DIMENSIONS (mm)

Name	Material
Body	Aluminium
Cover	Polyamide
Membrane	NBR
Switch	Silver
T30 connector	Plastic



Information given as an indication only, and subject to possible modifications

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		Ref.	FT4361 ENG
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CHARACTERISTICS

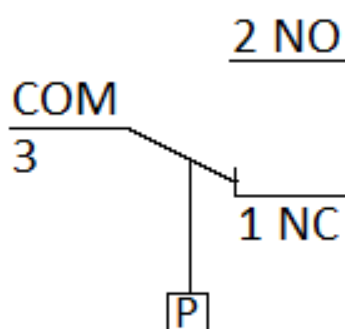
Cut-off voltage: 250 V AC / 6 A.

Model	Range (mbar)	Shut-off differential pressure (mbar)
PGRF 010	2 - 10 mbar	≤ 1
PGRF 050	5 - 50 mbar	≤ 2.5
PGRF 150	5 - 150 mbar	≤ 5
PGRF 500	100 - 500 mbar	≤ 15

WIRING

Raising pressure: 1 NC opens, 2 NO closes.

Dropping pressure: 1 NC closes, 2 NO opens.



INSTALLATION AND SERVICING

Installation in all positions.

For setting the tripping pressure, remove the protective cover unscrewing the attachment screw. Adjust the tare pressure using the thumb screw.

For a precision adjustment, it is recommended to use a pressure gauge.

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