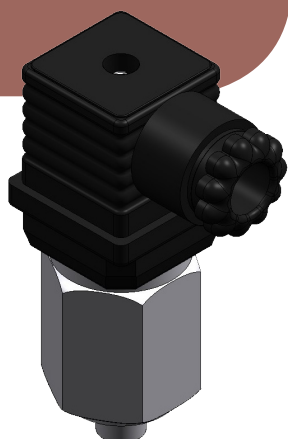


PRESSURE SWITCHES

POPRENAxx
POPRENCxx
POPRECO-AD xxx

- Main installation, on cylinder valves.
- Ease of electrical connection to detection panel, NO, NC or commutated.
- Micro size, without the need to use bulky protective housings in explosive environments.
- Effective and reliable due to simple operation.
- Compact and sturdy design.
- Durable under long load.
- Low installation cost.
- Quick and easy to handle.
- Quick and convenient screw connection.
- ATEX versions.



CONNECTS TO THE VALVE ON THE CYLINDER AND THERE ARE TWO VARIANTS: NC (NORMALLY CLOSED, WITH OPEN PRESSURE) OR NO (NORMALLY OPEN, WITH CLOSED PRESSURE).

RG-Systems offers a wide range of pressure switches for different demands of agent or working pressure. Depending on the area of application, there are measuring pressure switches made of galvanized carbon steel with IP54 protection, with regulatory pressures ranging from 20 to 300 bars, or ATEX pressure switches made of stainless steel for the more demanding and varied processes within the category of explosive environments.

MODEL IP54

PRESSURE SWITCH POPRENAxx / POPRENCxx / POPRECO	
Regulation field for Inert gases: POPRENA250	100-250 bar
Valve connection	1/8" NPT
Electrical terminals	Faston
Maximum voltage	48 V
Inductive current	0.2 A
Resistant current	0.5 A
Protection index	IP 54
Mechanical life	106 ciclos
Contact type	NO / NC



PRESSURE SWITCH POPRECO- AD xxx	
Regulation field for Inert gases: POPRECO-AD 413.7	137.9-413,7 bar
Valve connection	1/8" NPT
Maximum voltage	250 VAC
Current	5 A
Protection index	IP66
Contact type	SC (NO and NC)

The technology of pressure switches is fundamental when an application requires pressure control. In this field, RG-Systems uses different techniques that allow us to offer the most appropriate solution to our clients. Mechanical pressure switches are used to connect and disconnect electronic circuits based on working pressure. RG-Systems pressure switches provide security and reliable control over minimum pressure,

in addition to the advantages of automatic shut-off and pressure limit warnings.

The accuracy and the number of cycles of electronic pressure switches depend on the frequency and the changes in pressure peaks, as well as the number of load cycles and the influence of temperature.

Model ATEX

PRESSURE SWITCH POPRECO-AD xxx	
Max. voltage	250 Vac
Current	6 (2) A
C/O contacts	SPDT
Adjustable hysteresis	10% - 30% of set-point
Temperature range	-30°C to +140 °C (according to diaphragm / gasket material)
Max. cycle rate at 25°C	120/ min (diaphragm type)
Max. cycle rate at 25°C	60/ min. (piston type)
Protection	IP 65 DIN 40050
PG 09 or PG11 connector	DIN 43650
Mechanical life	106 operations
Tightening torque max.	5 Kg.

