

Adjustable pressure switches suitable for manifold mounting with graduated knob and fixed hysteresis

Adjustment ranges 10 to 360 bar

Series PSK

USE

New PSK... pressure switches have been particularly designed to monitor the minimum or maximum pressure in hydraulic and pneumatic circuits, lubrication plants and so on.

Thanks to the rugged construction and the very easy adjustment by means of a graduated knob with pressure indication and set-point reference, PSK... pressure switches can be either easily fixed on the line by the G1/4" BSP inside thread connection or manifold assembled through four proper holes (Ø5.25).

Designed with SPDT contact, switching at the adjusted set-point value, PSK... pressure switches are available both in diaphragm execution with adjustment ranges 10 to 100bar (max. over-pressure 300bar) and piston execution with adjustment ranges 100 to 360bar (max. over-pressure 600bar).

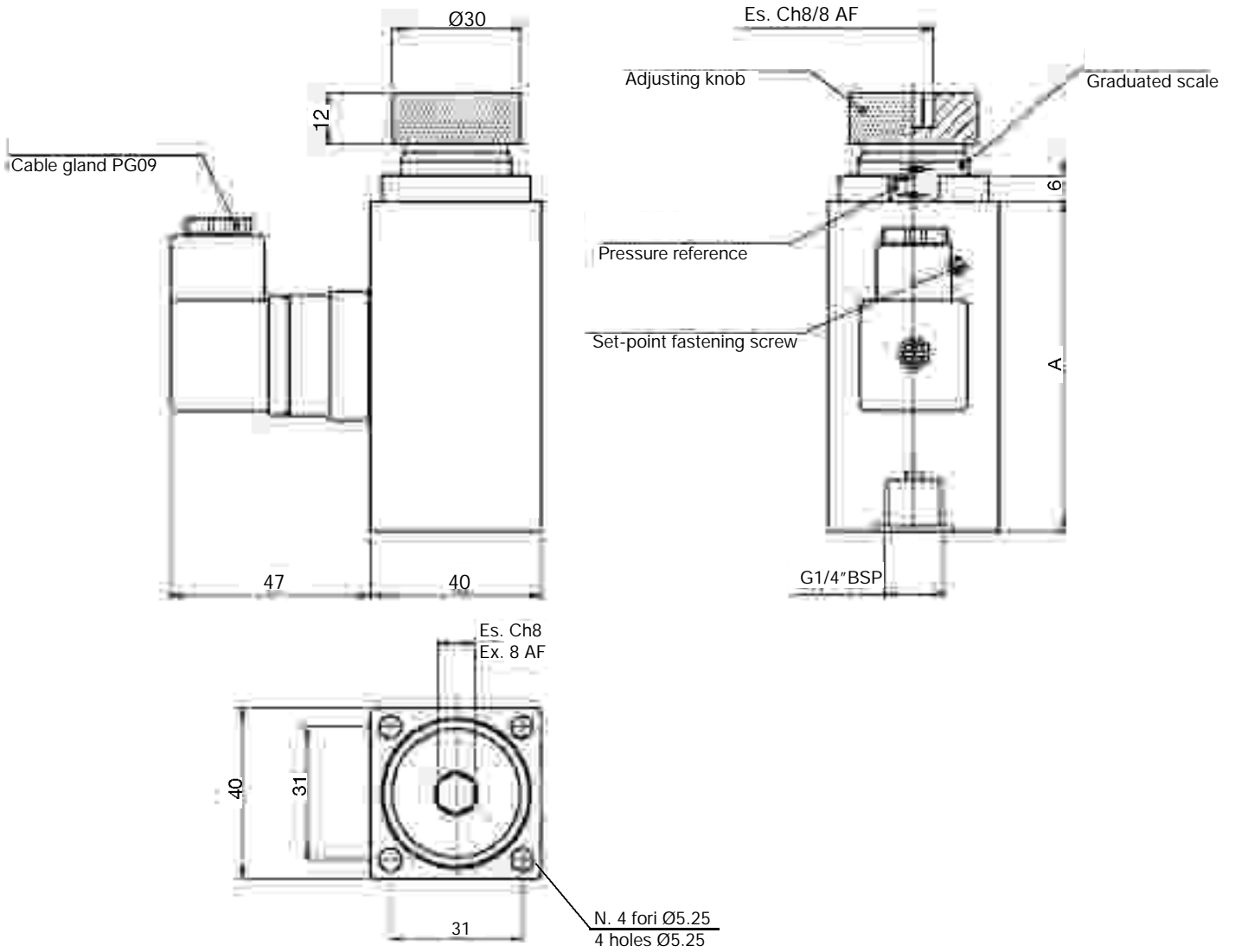
After pressure setting, it is possible to secure the adjustment knob using the proper fastening screw housed on the switch body.

TECHNICAL DATA

Voltage	220Vac
Max. current	3A (5A / 125Vac)
Temperature range	-5° ÷ +60°C (Standard)
Mechanical life	10 ⁶ cycles
Max. cycle rate-diaphragm rate	100/min
Max. cycle rate-piston type	60/min
Fixed hysteresis	30% set-point
Protection	IP65 DIN 40050
Knob accuracy - average value model PSK100	±10% set-point
Knob accuracy - average value model PSK360	±8% set-point

MATERIALS

Body	Yellow anodized aluminium
Adjusting knob	Aluminium
Diaphragm/Gasket	NBR
Graduated scale	Scotch laser film
Identification scale	Silk-screen printed aluminium - 1mm thick
Set-point fastening screw	Stainless steel
Base / Connector	PA (+G)



PRESSURE SWITCH HEIGHT

- A 77mm (diaphragm execution)
- A 90mm (piston execution)

Part.No.	Description	Working range	Tolerance at 25°C	Execution	Max. static pressure
31380	PSK 100	10÷100 bar	±4% set-point	Membrana HNBR HNBR diaphragm	300 bar
31381	PSK360	100÷360 bar	±7% set-point	Pistone Piston	600 bar