PRESSURE GAUGE ISOLATOR - PGI
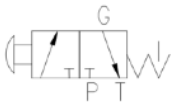
Single Station | Panel/ Line Mount | 315 bar

Specification/ Technical Data

Max. Operating Pressure	315 bar
Internal Leakage	50 ml/min
Design	Spool Type
Mounting	Line or Panel
Reading Mechanism	Push to Read
Locking Mechanism	Push and Turn
Body Material	Carbon Steel
Media	Mineral Oil
Oil Temperature Range	+10 to 60°C
Oil Viscosity	ISO VG 46-100
Oil Cleanliness (ISO 4406)	20/18 /15
Orientation	Any
Weight (approx.)	0.7 Kg

Ordering Information

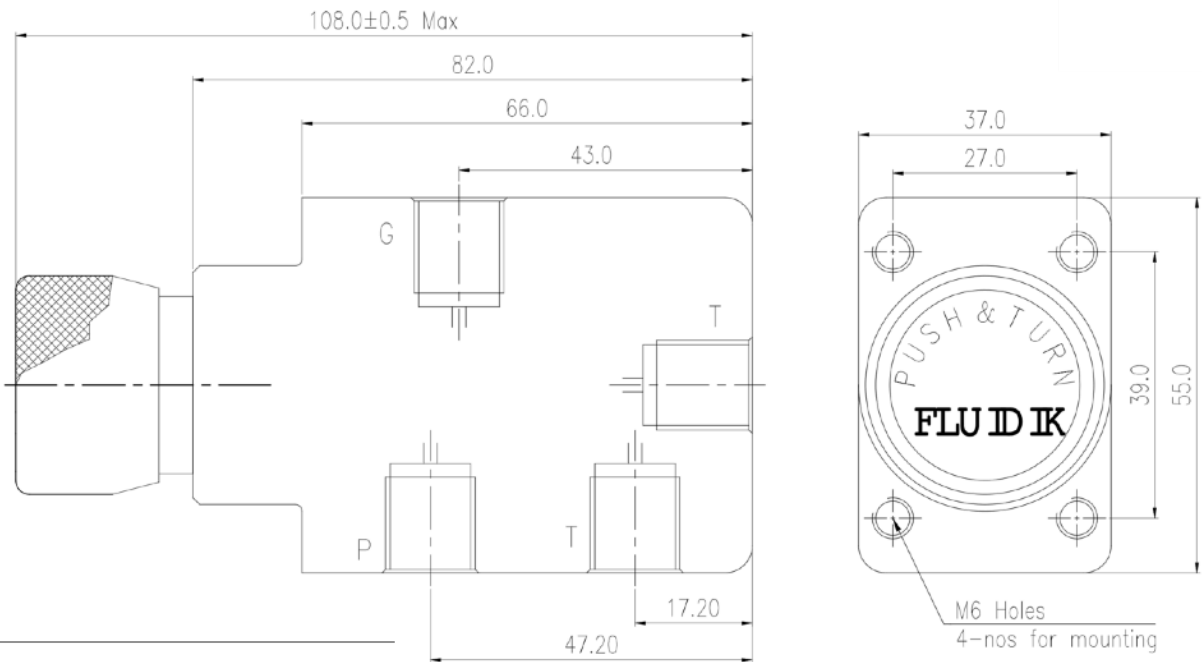| Basic Code	Pressure Gauge Isolator	PGI
Pr. Rating	315 bar	315
Mounting	Line or Panel	-
Seals	NBR	-
Version		2x

Pressure gauge isolators are safety devices that protect pressure gauges from the damaging effects of pressure spikes and pulsations. They work by isolating the gauge from the system until a measurement is needed, preventing constant exposure to pressurised fluid. By preventing direct contact with the fluid, they also protect the gauge from contamination present in the oil. The isolator's internal spool is activated by a push button, briefly connecting the gauge to the pressure line. This intermittent connection ensures the gauge only registers pressure readings on demand. The measurement may also be kept in the ON position by locking it in the continuous reading position if required.
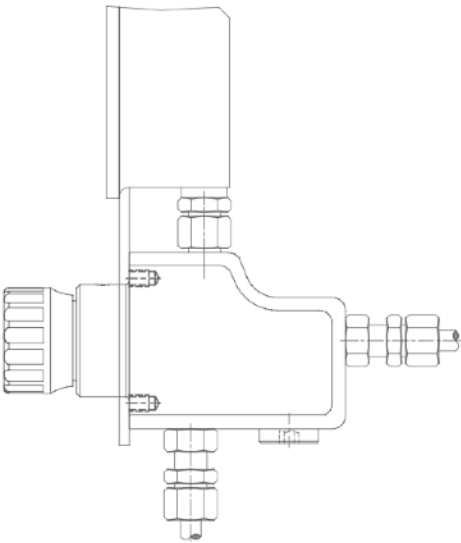
Pressure gauge isolator, model PGI, is designed such that they may be mounted on a gauge panel or line-mounted as may be required. Refer the following pages for installation guidelines. The product is a single-station isolator and is designed for a maximum pressure of 315 bar. There is an in-built tank line that needs to be connected to ensure that the gauge pressure is relieved once the push knob is moved back to home position.
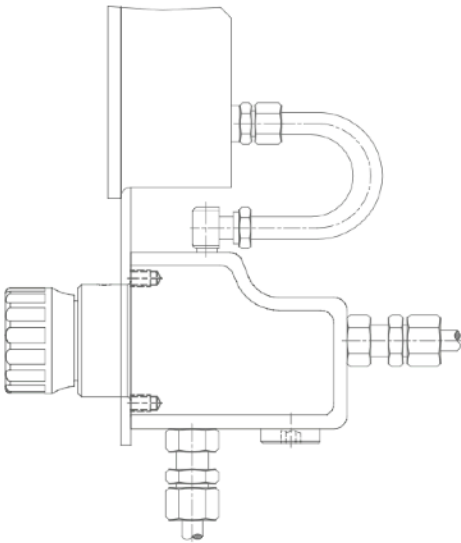
Dimensions

108.0±0.5 Max
82.0
66.0
43.0

G

T

P

T

17.20

47.20

37.0
27.0

PUSH & TURN

FLU ID IK

39.0

55.0

M6 Holes
4-nos for mounting

All dimensions in mm
Ports P, T & G 1/4"BSP

Installation Position

Pressure gauge is mounted directly on PGI. Assembly may be mounted on a gauge panel.

Pressure gauge is connected to PGI through piping/ hose. Assembly may be mounted on a gauge panel.

Spare List

SealKit - PGI	SSVPGI2x