

Digital Differential Pressure Gauge Switch (D.D.P.G.S.)

General Description

The Baccara Digital Differential Pressure Gauge Switch combines a gauge and a switch in one unit, which allows the user to program a wide range of monitoring and switching parameters to suit specific applications. It is specially designed for filter flushing systems. With its LCD display, user friendly interface for setting the working parameters and the IP66 environmental protection, this unit gives a reliable and easy to use solution for automatic filters. With the aid of the latch solenoid driver it is possible to upgrade a simple manual filter to an automatic one.



Note

- See instruction manual for further information
- "H" pressure must be higher than "L" pressure.
- Maximum "H" pressure 200 psi/14 bar.
- This unit can be used as a manometer up to 99 psi or 7 bar.
- Please consult our technical sales department for special applications.



How to Order

Example: G75-DP-1BD

Is a digital differential pressure gauge switch with a mounting bracket and a solenoid driver.



G75-DP	Type	Accessories
	Stand alone	1
		Mounting Bracket B
		Latch Solenoid Driver D

Technical Specifications

Mechanical specifications

- 2" (inch) 52mm diameter
- Operating temperature - 10⁰ to 60⁰C
- Dust and water tight to IP66
- Outdoor UV protection
- Front panel cover protection
- Max. "H" pressure 200 PSI/14 BAR
- "H" pressure ≥ "L" pressure

Electrical specifications

- Power supply 9 - 24 VDC or 12-24VAC
- Low power detect
- Dry contact (N.O.) 0.5A at 24VAC
- Internal memory to retain "Set-up Data" at power down.

Mounting

- 2 ft/60 cm cable + 4 wires
- RED + BLK - power supply
- GRN / WHT N.O. contact
- Pressure ports 1/8" BSP/NPT (male)
- Mark "H" pressure port on housing

Programmable Settings

- Manual Operation
- PSI or BAR display
- Time interval between pressure measurements
- Contact closed time
- Zero calibration

Display

The LCD display shows the actual Differential Pressure (DIF) and the pressure differential trigger setting (SET) continuously when power is connected. When the switch contacts are closed, this is indicated by displaying **On**.

Display resolution:

1 PSI in the range 0-99psi.

0.1 BAR in the range 0.0-7.0 BAR.

Dimensions

