

# PRESSURE DROP INDICATOR – VPG 40

## DESCRIPTION

Magnetic differential manometer VPG 40 has been developed to indicate pressure drop across the filter element in vacuum. It detects when the filter cartridge is clogged and should be replaced. VPG 40 is typically installed on the head of the filter housing.

## TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating vacuum	0 - 1 bar(g)	0 - 14 psi
Mass	0,15 kg	0.33 lbs
Indication range	0 - 0,9 bar	0 - 13 psi
Indication accuracy	+/- 10% of full-scale value	
Typical installation	Head of filter housing	

\* Indicator scale show's element saturation at around 250 mbar

## MATERIALS

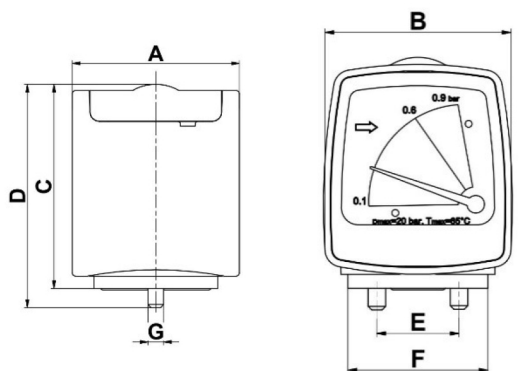
Housing material	PA6(Polyamide) 30% glass fibres
Housing sealing	NBR
Membrane	NBR
Inspection glass	PC (Polycarbonate)
Mechanism, scale	PA6(Polyamide) 30% glass fibres, ferrite (FeNdB chrome-plated), NBR, stainless steel
Screws	Steel –zinc plated

## TYPES

Model	Description
VPG 40	Basic version

## DIMENSIONS

	[mm]	[inch]
A	54	2.12
B	54	2.12
C	64	2.52
D	72	2.83
E	24	0.94
F	40	1.57
G	M5	



## MAINTENANCE

Once per year make a visual check of the pressure drop indicator and make sure there is no visual damage or leakage.