

PRESSURE DROP INDICATOR – MDM 40

DESCRIPTION

Magnetic differential manometer MDM 40 has been developed to indicate pressure drop across the filter element in compressed air system ⁽¹⁾. It detects when the filter cartridge is clogged and should be replaced. MDM 40 is typically installed on the head of the filter housing.



APPLICATIONS ⁽²⁾

- Automotive
- Electronics
- Food & Beverage
- Chemical
- Petrochemical
- Plastics
- Paint
- General industrial application

⁽¹⁾ For any other technical gas please contact us or your local dealer

⁽²⁾ MDM 40 can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION ⁽³⁾

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure (Standard version)	0 - 20 bar(g)	0 - 290 psi
Mass	0,15 kg	0.33 lbs
Indication range	0 - 0,9bar	0 - 13 psi
Indication accuracy	+/- 5% of full scale value	
Typical installation	Head of filter housing	

⁽³⁾ Standard version, at 7bar(g)

MATERIALS ⁽⁴⁾

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

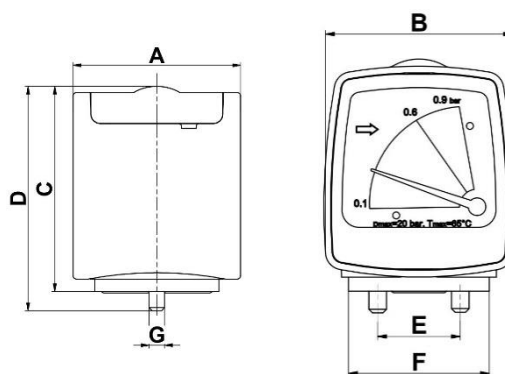
⁽⁴⁾ Standard version

TYPES

Model	Description
MDM 40	basic version
MDM 40C	voltage-free contact version for remote alarm

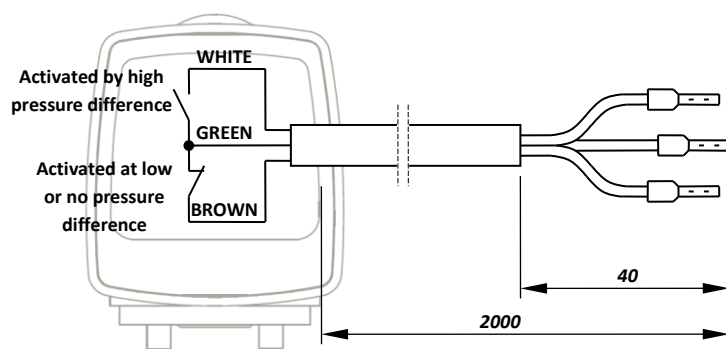
DIMENSIONS

	[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	



MDM 40C CONNECTION SPECIFICATION


Contacts	NO contact/NC contact
Type of contact	Reed
Switching point	0,6 bar
Max. Switching voltage	200 V DC / 140V AC
Max. Switching current	0,5 A AC/DC
Max. Switching power	10 W
Connection	Cable



MAINTENANCE

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

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

 BUREAU VERITAS	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015 Reg. number: 200285	
--	--	--