



Differential Pressure Gauge

Control of contamination in air filters





Measuring critical system parameters is essential. Reliable and continuous control of the HG/YD Series compressed air filters in all applications

Introduction

Differential pressure gauges are one of three different types of pressure sensors. YUNAIR's mechanical differential pressure gauges are designed to measure the difference in pressure between two points. They are ideal for surveillance of the contamination of air filters as well as for measuring the level inside closed vessel, measuring overpressure inside clean room. The structure has areas for displaying green and red information.

The differential pressure gauge is comprised of two chambers of medium sealed. The chambers can be separated using measuring components. If both chambers are under equal pressure, the measuring elements will not feel pressure, while the DP gauge will not show any deflection.

If applied air quality can not meet the ISO8573 standards and pressure difference is greater than 0.35 bar, the pointer will point to the red area. The air filter elements are suggested to replace.

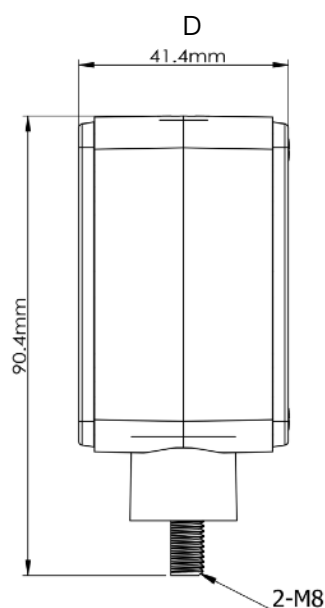
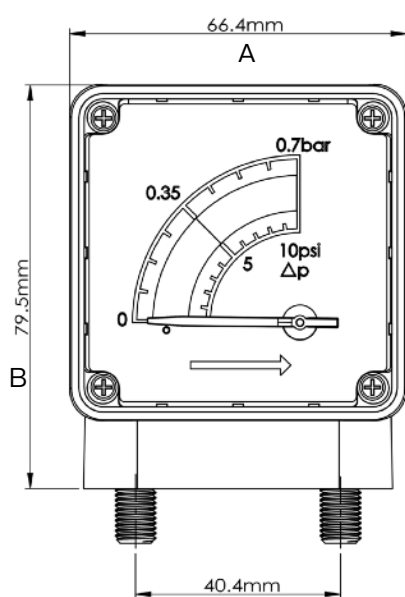
When your air filters are not configured with DPG to monitor filtration you run the risk of not knowing when to change filters too late. As a result, there will be expensive down time at the least, higher maintenance costs, and even the possibility of damaging the system from contamination which has been passing through unfiltered at the worst. Instead of waiting for something to go wrong and cause damage, installing a differential pressure gauge on each air filter is essential.



The color turns from green to red when a new filter element needs to be changed.

Technical Data

Description	Differential Pressure Gauge
Model:	YCM-Z001
Operating temperature range:	1.5-80°C
Max.Operating pressure:	16 bar
Mass:	0.13 kg
Medium:	Air
Dimension A (mm):	66.4
Dimension B (mm):	79.5
Dimension C (mm):	40.4
Dimension D (mm):	41.4
Dimension E (mm):	8



Benefits

- Easy mounting
- Long-service life
- Reliable sealing, no leakage
- Check element condition at a glance
- Clear indication for element change



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OEM Capabilities

When you need a special filter for a unique application, Yun Air experts are ready to work with you. We can tailor a configuration to meet your special need from the wide variety of filter media available. In addition, with LEAN manufacturing, we can produce specials in reasonable quantities, in a reasonable amount of time, at a reasonable price. Not only will this enhance the performance of your product, but it will benefit you with aftermarket sales of replacement elements.

OUR RANGES OF PRODUCTS INCLUDE THE FOLLOWING:

- Compressed air dryers
- Compressed air filters
- Compressed air water separators
- Alternative air filter elements
- Condensate auto drain
- Compressed air accessories
- Portable mask

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