



The Filter Monitoring Experts

Visual
Service
Gauges
Indicators
Switches
and
Sensors

The **Filter Minder®** can be found on a wide variety of applications throughout the world, including automotive, truck, construction, agriculture, compressors, blowers, hydraulics, lawn and garden, and irrigation industries... or *any* industry that uses a filter.

▲ Use Full Filter Capacity - Reduce Labor - Prevent Excess Fuel Consumption - Extend Engine Service Life - Prevent Over and Under Servicing ▲



Filter Minder® Product Portfolio

- **Air & Fuel Filter Monitoring**
- **Crankcase Ventilation Filter Monitoring**
- **Diesel Exhaust Filter Monitoring**
- **HVAC Filter Monitoring**
- **Desiccant Breather Filter Monitoring**
- **Hydraulic Filter Monitoring**
- **Air Brake Pressure Monitoring**
- **Oil Pressure Monitoring**
- **General Industrial Blower / Vacuum & Lawn Bagging Systems Applications**

The Filter Monitoring Experts

2940 Airport Blvd., Waterloo, IA 50703-9627 phone: (319) 234-0231 fax: (319) 234-8922 email: Info@FilterMinder.com

Certified Supplier TS 16949 ISO 9001 ISO 14001
www.FilterMinder.com

Sensors

Low Pressure Sensor

- Measures either vacuum or pressure
- Provides analog output
- Ideal for operating instrument gauges or communicating and storing data via ECU/computer
- Ideal for monitoring any non-liquid media within the specified range
- AMPSEAL 16 molded-in connector and a variety of mounting thread options



Continuous Output
Low Pressure / Vacuum
Sensor
Series 115305



Continuous Output
Heavy Duty Sensor
Series 115206

Heavy Duty Pressure Sensor

- Measures either vacuum or pressure (absolute)
- Provides analog output
- Ideal for operating instrument gauges or communicating and storing data via ECU / computer
- Ideal for monitoring harsh media within the specified range
- Stainless steel or aluminum body. APEX 1.2 molded-in connector
- Standard 1/4-18NPT Mounting

Sensor LED Displays



LED Round (2") Display for
In-Dash Mounting
Series 1957-3

- Available in IP 67 sealed / waterproof version, if required
- Designed to fit in a standard 2" dash panel opening



LED Square Display
Series 1957-2

- Can be mounted virtually anywhere

Sensor LED Displays are programmable with a dimmer function and a lock and hold feature. They are resettable at any time, and work with the output from any analog output sensor (.5 - 4.5Vdc).

Visual / Mechanical Graduated Gauges

As the filter restricts, the yellow position indicator fills the clear window until reaching the red zone. The position indicator locks at the highest restriction so that it can be read after engine shutdown.



Remote Mount
Series 136501R



Threaded Mount
Series 135501



Dash Mount
Series 168501



Grommet Mount
Series 133501

Visual / Electrical Graduated Switches



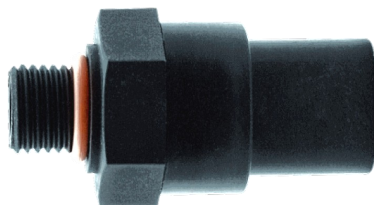
**Graduated
Visual and Switch**
Series 135578



**Single Position
Visual and Switch**
Series 175578

The yellow visual position indicator fills the clear window as the filter restricts and triggers the switch when the red zone is reached. It locks on the warning light until the switch is reset.

Non-Locking Switches



Pressure Switch
Series 127463



Non-Locking Air Switch
Series 196389
Series 196351



Non-Locking Switch
Series 156389
Series 156351

Non-Locking Switches monitor the condition of engine air filters, fuel filters, brake systems and vacuum/pressure applications. The system levels are continuously monitored and switch activated once the predetermined set point is achieved.

HVAC Gauges



Series 143001

HVAC service gauges can be used to measure very low pressure, vacuum, and differential pressure ranges.

Available in locking or non-locking versions.

Can be mounted remotely or directly with a rubber grommet.

Fuel Filter Gauges



Series 156501

Used for vacuum side diesel fuel filters, the yellow position indicator fills the clear window as the fuel filter restricts.



Series 156501T

Single Position Indicator

The clear window turns red when filter is restricted or predetermined vacuum level is reached.



Series 175501

Various mounting configurations.

Dial / Flag Indicators



Series 123316



Series 122301

Mounts directly to interface with a grommet or can be remotely mounted with a hose barb.

Air Pressure Gauges



Series 136001R

As the filter restricts, the yellow position indicator fills the clear window until reaching the red zone.

These gauges will read pressure or differential pressure.

Accessories



In addition to Filter Minder's® main line of products, we also offer a variety of fittings, hoses, electrical connectors, decals, and even light kits that will work with any of our electrical switch products. We can supply all of the required components to make your installation complete.

