

Sensor LED Display Technical Specifications

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Displays Sensor Output via LED Light Bar
Progressive Indication of any 0-5Vdc Signal
Square and Round Versions Available



Description:

Square
Panel-Mounted Unit

2" Round
Bezel Unit Standard

2" Round
Bezel Unit IP66/IP67

Part Number:

1957-2006

1957-3116

1957-3106

Supply:

12-24 Vdc

12-24 Vdc

12-24 Vdc

General Characteristics:

Certifications:

*IP66 IP67

Operating Temperature Range:

40°C to +85°C

-40°C to +85°C

-40°C to +85°C

Power Supply:

Nominal Voltage (V):

12 to 24 Vdc

12 to 24 Vdc

12 to 24 Vdc

Operating Limits:

-60% / 20% or 7.2 to 28.8VDC

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-60% / 20% or 7.2 to 28.8VDC

Ripple:

5% max.

5% max.

5% max.

Nominal Current up to 24Vdc:

6.8mA to 25.5mA

6.8mA to 25.5mA

6.8mA to 25.5mA

Peak Current on Energisation:

30mA

30mA

30mA

Maximum Absorbed Power:

72mW

72mW

72mW

Immunity from Micro Power Cuts:

<1 ms

<1 ms

<1 ms

Protection Against Polarity Inversions:

Yes, -10V max

Yes, -10V max

Yes, -10V max

Fuse Protection:

No

No

No

Analog Input:

Input Range:

0 to 5V typ.

0 to 5V typ.

0 to 5V typ.

Input Impedance:

≥ 20MΩ

≥ 20MΩ

≥ 20MΩ

Maximum Non-Destructive Current Voltage:

10V

10V

10V

Value of LSB

9.8mV

9.8mV

9.8mV

Input Type

Single-Ended

Single-Ended

Single-Ended

Resolution

10 bits

10 bits

10 bits

Conversion Time

Module cycle time

Module cycle time

Module cycle time

Accuracy

± 1%

± 1%

± 1%

Isolation Between Analog Channel & Power Supply

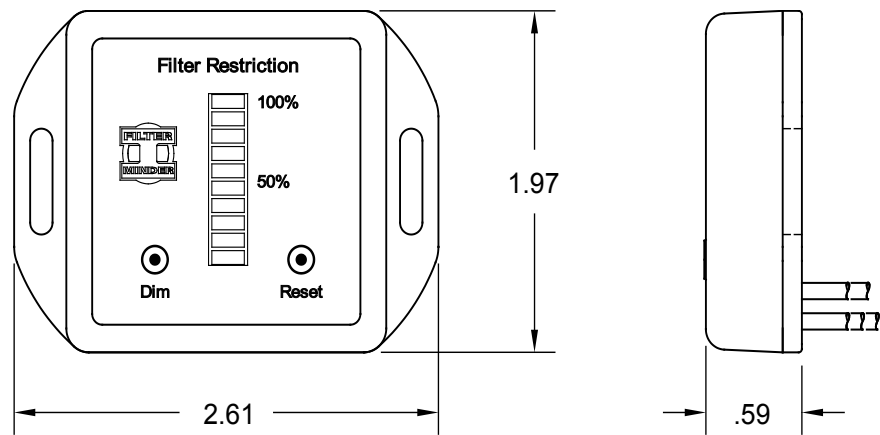
None

None

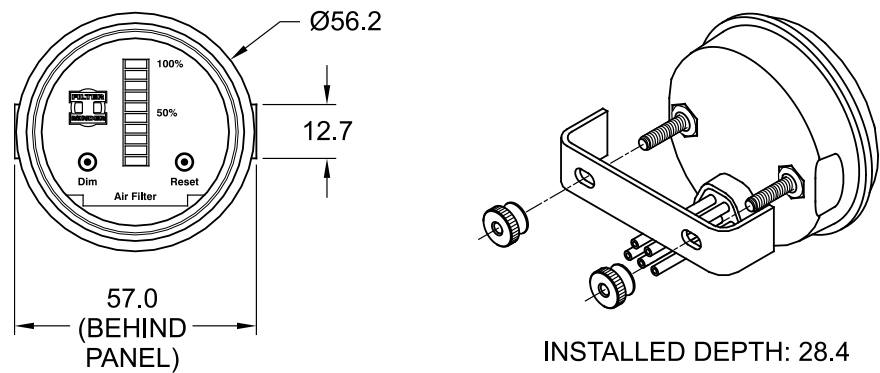
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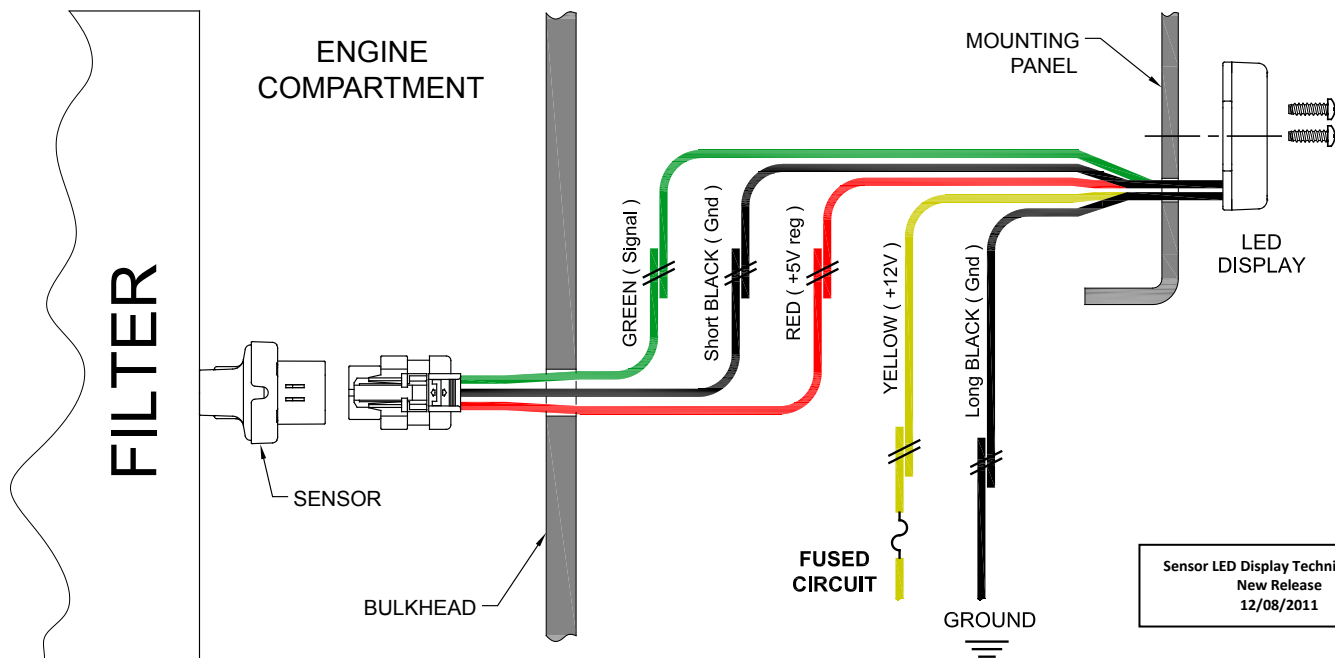
Dimensions (mm): 1957-2006



Dimensions (mm): 1957-3116 or 1957-3106



Input / Output Connections



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New Release
12/08/2011