

Model Number
8162-051A

STRAIN GAGE SENSOR SIGNAL CONDITIONER

Revision: NR
ECN #: 35388

Performance

Electrical Filter Cutoff Frequency
Frequency Range
Input Signal(sensor sensitivity)

Environmental

Enclosure Rating
Excitation Current
Temperature Range

Electrical

Offset Voltage(@min. gain)
Offset Voltage(@max.gain)
Excitation Voltage
Output Voltage
Output Current
Power Required

Physical

Size (Length x Height x Width)
Electrical Connector(input/output)

All specifications are at room temperature unless otherwise specified.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

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ENGLISH

100 Hz
0 to 1000 Hz
0.5 to 11 mV/V

NEMA 4x
60 mA
+32 to +158 °F

± 50% of F.S.
± 70% of F.S.
10 VDC
± 5 VDC
4 to 20 mA
12 to 28 Vdc

2.23 in x 3.70 in x 2.55 in
screw terminal

SI

100 Hz
0 to 1000 Hz
0.5 to 11 mV/V

IP66
60 mA
0 to +70 °C

± 50% of F.S.
± 70% of F.S.
10 VDC
± 5 VDC
4 to 20 mA
12 to 28 Vdc

56.6 mm x 94.0 mm x 64.8 mm
screw terminal

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

- [1] Factory Adjustable
- [2] Filtered via 2-pole active filter.
- [3] User Adjustable.

Entered: JMW	Engineer: JSD	Sales: JCG	Approved: GAB	Spec Number:
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