

# LOW LEVEL AMPLIFIER

## FLSC-AMP



- ✓ Ultra Low-Speed to 15 kHz Operation
- ✓ 20 mV to 50 V Sensitivity
- ✓ 100 mA Current Sinking Output
- ✓ 11 to 26 Vdc Power Supply Range
- ✓ Easy Mount Metal Housing
- ✓ Screw Terminal Hookup

The OMEGA® FLSC-AMP amplifies the low level signals from the magnetic pickup of gear teeth or flow transmitters by a factor of more than a hundred times to drive any OMEGA® ratemeter, counter or controller. It is mounted in a rugged 2 x 3" metal housing with screw terminals for easy installation.

### SPECIFICATIONS

#### Power Requirements:

11 to 26 Vdc; 30 mA maximum

#### Input Characteristics:

Input Impedance: 1500 ohms

Input Frequency: 0-15 kHz

Input Voltage: 0.020 to 50 V

#### Output Characteristics:

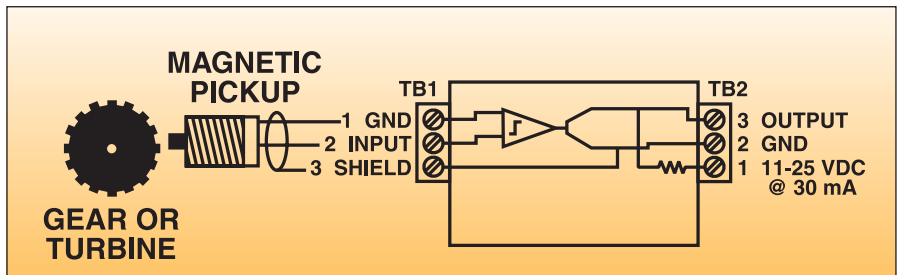
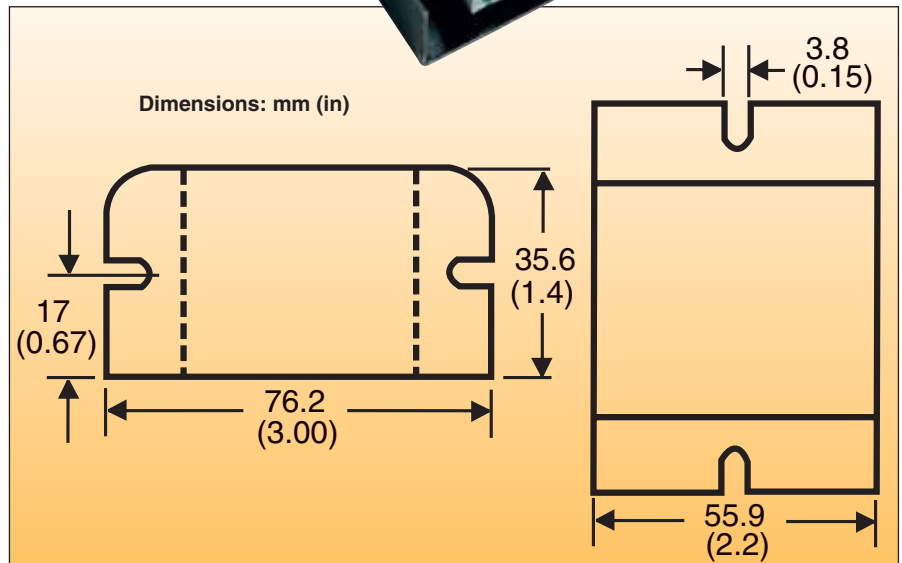
Open Collector with internal 2700 ohms pull-up resistor to supply voltage; 100 mA maximum sink to 1 v or less

#### Temperature Range:

32 to 140°F (0 to 60°C)

**NOTE:** The low voltage line from the magnetic pickup to the FLSC-AMP should be less than 3 m (10') in length, shielded and isolated from relays, solenoids or other sources of electrical noise (let the output line make the long run). If the input is too sensitive, lower the 1.1K input impedance by adding a 220 to 1 Kohm resistor across TB1, pins 1 and 2, to increase noise immunity.

FLSC-AMP, shown actual size.



**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)		
Model No.		Compatible Sensors
FLSC-AMP		FTB-100/900/930/950/5100/5200/5300/FP-6000
CS-3784		Reference Book: Electrical Engineer's Portable Handbook

Comes with complete operator's manual.



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