

LOW LEVEL AMPLIFIER

TRODEKS®

FLSC-AMP



FLSC-AMP
shown actual size.

- ✓ 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 TRODEKS® 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 TRODEKS® 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 Ω

Input Frequency: 0 to 15 kHz

Input Voltage: 0.020 to 50 V

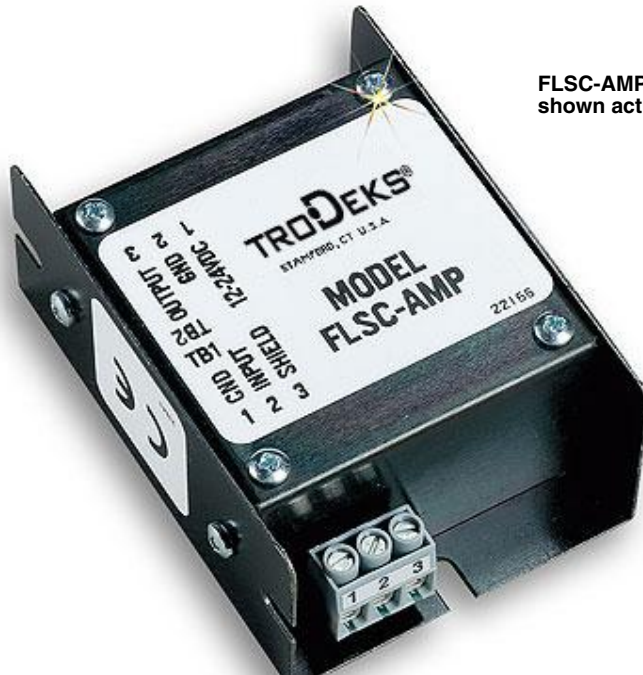
Output Characteristics:

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

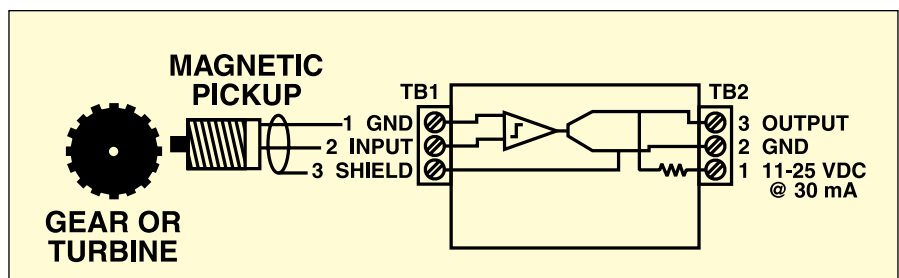
Temperature Range:

0 to 60°C (32 to 140°F)

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 K Ω resistor across TB1, pins 1 and 2, to increase noise immunity.



Dimensions: mm (inch)



To Order

Model No.	Compatible Sensors
FLSC-AMP	FTB-100/900/930/950/5100/5200/5300/FP-6000

Comes complete with operator's manual.