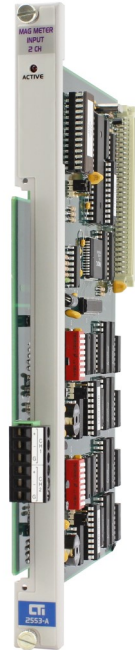


2553-A 2-Channel Isolated Mag Meter Input Module



Specifications

Channels: 2 Isolated Mag Meter Inputs
Input Voltage Range: 140 mV to 50 VRMS (differential input into 10 K Ω)
 200 mV to 70 V Peak
Input Frequency Range: 78 Hz to 65 KHz
Frequency Roll-Off : 3 dB at 20 KHz
 6 dB per octave
Input Protection: 50 VRMS continuous
 20,000 Volts ESD
Digital Filtering: User-selectable (50 mS Time Constant)
Update Time: 7 mSec for all channels
Accuracy: ± 1 Hz
Isolation: 1500 VDC channel-to-channel
 1500 VDC channel-to-PLC
Connector: Removable
Wire Gauge: 12 -26AWG
Backplane Power: 2.5 Watts @ +5 VDC
Module Size: Single-wide
Shipping Weight: 1.5 lbs (0.68 Kg)

Description

The 2553-A 2-Channel Mag Meter Input Module rapidly measures the frequency of a magnetic pulse tachometer with high resolution. It is designed to be compatible with the CTI 2500 Series™ or Simatic® 505 I/O base in local, remote I/O, and Profibus configurations.

Fast update time and high accuracy across the full frequency specification make the 2553-A ideal for gas turbine speed measurement applications.

Features

- Reflex counter
- N-tooth mode counting
- 1500 VDC isolation channel-to-channel
- 1500 VDC isolation channel-to-backplane
- Reports measurement in frequency or period

Additional Product Information:

On CTI's Website you find will links to the 2500 Series Std Environmental Specifications and the UL Agency Certificates of Compliance .

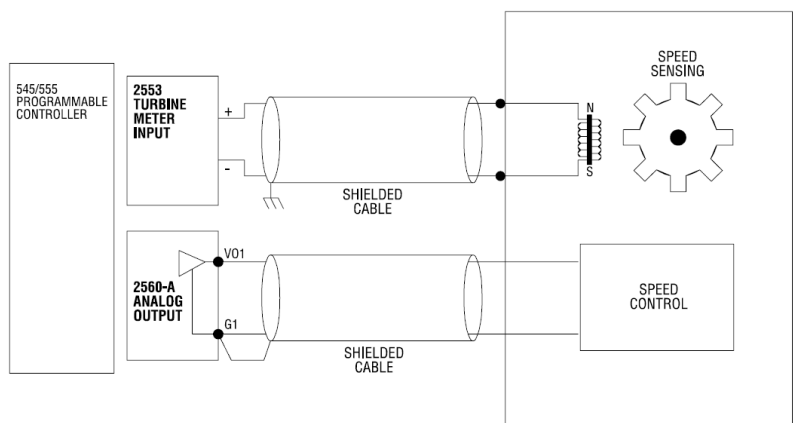
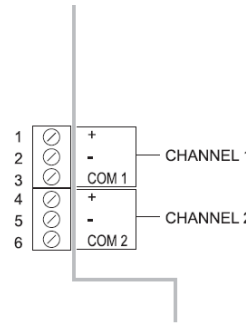
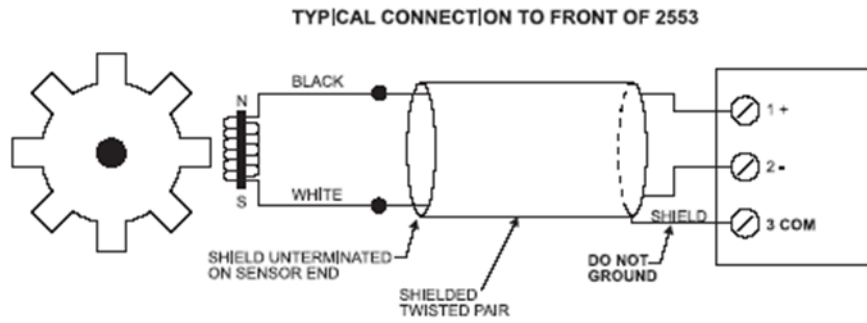
ROCK SOLID PERFORMANCE. TIMELESS COMPATIBILITY.



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2553-A 2-Channel Isolated Mag Meter Input Module



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