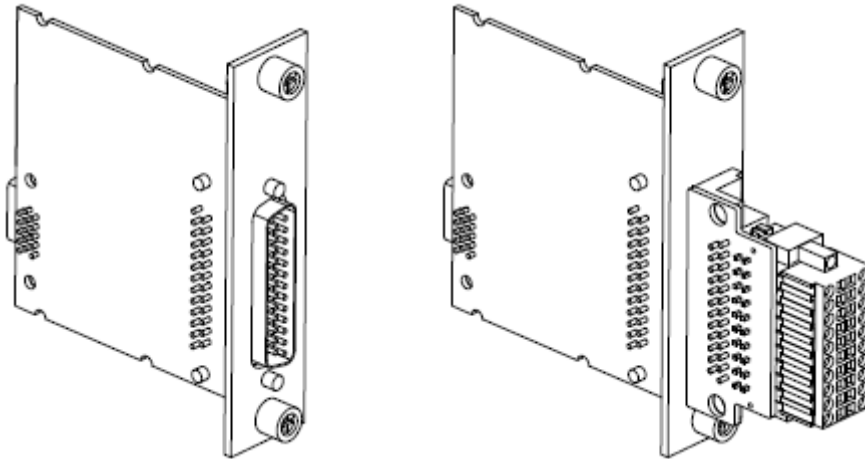


DATASHEET

MT E760

8 DI, 5V/TTL, 25 ns

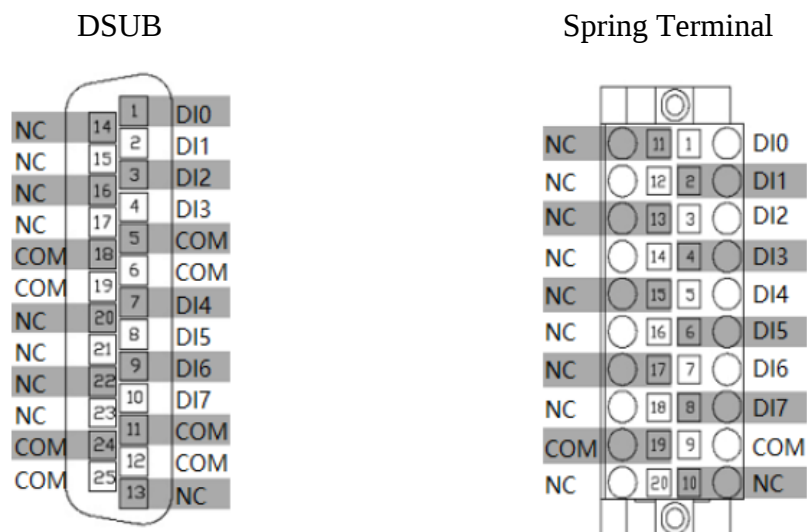


- DSUB or push-in Spring Terminal connectivity
- 60 VDC, CAT I, channel-to-earth isolation;
- -40 °C to 70 °C operating;

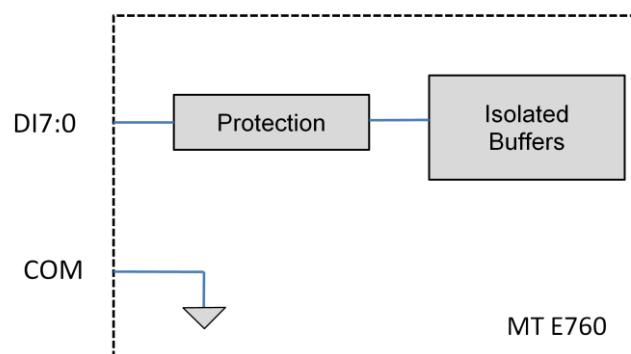
The MT E760 is a digital input module for RobustRIO and FlexDAQ systems. There are two connector options for the MT E760--a 20-position spring-terminal connector and a 25-position DSUB connector.

MT E760 Connectivity

Pin definition of DSUB connector and Spring Terminal connector.



Input Circuitry



There are eight input channels of MT E760. All channels are internally referenced to COM.

MT E760 Specifications

The following specifications are typical for the range -40 °C to 70 °C unless otherwise noted. All voltages are relative to COM unless otherwise noted.

Input Characteristics

Number of channels	8 DI channels
Input type	TTL,single-ended
Digital logic levels	
Input	
Voltage	5.23V maximum
High,VIH	3.5V minimum
LOW,VIL	1.5V maximum
Maximum signal switching frequency,per channel	
Input	20MHz
Input propagation delay	13 ns maximum
Input pulse width distortion	3ns
Input current per channel	± 10uA
Input capacitance	4pF
Overvoltage protection	±30 V