Smart Transmitter Interface Processor*   **MU-PSTX03**

Parameter	Specification
FTA Models	MU-TAIH02, TAIH12, TAIH22, TAIH52, TAIH62, TSTX03, TSTX13, TSTX53
Input Type	Honeywell DE (digital enhanced) protocol (bidirectional)
Input Channels	16 digital input channel PVs
Resolution	The resolution of the connected field instrument is passed through without degradation.
Maximum Input Voltage (any input referenced to common, no damage)	-10 V to +30 V
Transmitter broadcast frequency (PV)	2.4-3.6 PVs per second per channel (configuration dependent).
Accuracy	The accuracy of the connected field instrument is passed through without degradation.
Surge withstand capability (Common mode)	ANSI/IEEE C37.90.1-1978
Transmitter Power Conditioning MU-TAIH02, MU-TAIH52, MU-TAIH12, MU-TSTX03,	Resistor Current Limited, 145 Ω (not fused) for Class 1, Div 2 interfacing
MU-TSTX13, MU-TSTX53 MU-TAIH22 & TAIH62	Individual Protected Current Limiting Circuits for Class 1, Div 2 interfacing Maximum current: 30 ma Minimum voltage 23 V

Smart Transmitter Interface Processor* Redundancy Option   **MU-TAIH12, TAIH52,**
                                                                   TSTX13, TSTX53

Parameter	Specification
Input Scan Cycles Missed or Delayed During Swap or Failover	No cycles missed or delayed
Hardware Accuracy Effect of Failure	No effect nominally. The resolution of the connected field instrument is passed through without degradation.

* Smart Transmitter Interface Processor (MU-PSTX03) supports both single and multivariable transmitter types.