

T5X I/P Transducer

FEATURES

- Low Cost
- Compact Size
- Low Air Consumption
- Built-in Volume Booster
- Field Reversible
- Split Ranging
- Standard Process Inputs
- FM Approved (IS and Non-incendive)
- RFI, CE Mark
- Flexible zero and span adjustments



GENERAL INFORMATION

The mTech T5X converts a current input signal to a linearly proportional pneumatic output pressure. The instrument is designed for control applications that require a high degree of reliability and repeatability at an affordable price. The unit is field reversible and if split

range (3-9psig or 9-15psig) is required to solve the application, its field achievable.

The T5X is a force balance device which ensures accurate conversion of the electrical input signal to a linear proportional pneumatic output signal.

SPECIFICATIONS

Input	4-20mA _{dc}
Output	3-15psig (0.2-1.2 BAR) (20-100 kPa)
Air Consumption	0.3scfm (0.7m ³ /hr) @ 25psig supply
Supply Pressure	Min.-3psig (21 kPa) above max. out. Max.-100psig (700kPa)
Output Capacity	4.5scfm (7.6m ³ /hr) @ 25psig supply
Temperature Limits	Operating: -20/+140°F (-30/+60°C)
Storage:	-40/+160°F (-40/+71°C)
Loop Load	180Ω at 20mA
Linearity	<±0.75% of span
Hysteresis	<1.0 % of span
RFI/EMI	CE mark
Port Size	Pneumatic: ¼" NPT
Electrical:	½" NPT
Media	Clean, dry, oil free air filtered to 40 microns
Mounting	Pipe, panel or bracket
Weight	2.1 lbs. (0.9kg)

