

VOLUME CONVERTERS

Turbo Corrector

Honeywell’s Turbo Corrector is a fully featured Mini-AT electronic volume corrector with an internal expansion board called the Turbine Interface Board (TIB).

Overview



Feedback

Turbo Corrector from Mercury Instruments performs pressure, temperature, and supercompressibility correction on the adjusted volume or unadjusted volume pulses transmitted by the TIB after each AAT calculation cycle. It is capable of performing correction on uncorrected gas volume (from the mechanical switch input) depending on the setting of configuration item 182. The TIB is also capable of producing separate pulse outputs for adjusted volume, normal and abnormal alarms, and buffered main and sense rotor signals. A 4-20 mA output can be used to output Instantaneous Delta A or Adjusted Flow Rate. Turbo Corrector requires power from either an external DC power supply or solar power supply. Power supplies and barriers for hazardous locations (Class 1, Divisions 1 & 2) are also available.

Product Number

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Part Number	Description	Order Online
TC8CMB	TURBO CORRECTOR IN 800 CS INST DRV W/UMB	Sign In
TC8CPS	TURBO CORRECTOR IN 800 CS PIPE-STND MNT	Sign In
TCSCMB	TURBO CORRECTOR FOR INSTRUMENT DRV W/UMB	Sign In
TCSCPS	TURBO CORRECTOR FOR PIPE-STAND MOUNT	Sign In