

**FM-FACTACH-ACTBC** - Frequency to Analog Converter with TACH display, Panel Mount, 110V AC Powered. Includes 7.5' Power Cord



## FACTACH TERMINAL CONNECTIONS

TERMINAL	TYPE	DESCRIPTION	WIRE
1	VAC	POWER TO FACTACH	POWER CORD
2	VAC	POWER TO FACTACH	POWER CORD
3	+12V	POWER TO SENSOR	RED
4	COMMON	GROUND TO SENSOR	BLACK
5	INPUT A	OUTPUT FROM SENSOR	GREEN
18	ANALOG	+ ANALOG OUTPUT	WHITE
19	ANALOG	- ANALOG OUTPUT	BLACK

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## FAC-TACH, Electrical & Functional Specifications

ABSOLUTE MAX LIMITS	CONDITIONS	MAX	UNITS
Power	AC Input Voltage	250	Volts AC
Voltage to sensor	DC Output Voltage	+13.2	Volts DC
Current to sensor	DC Output Amperage	100	mA

ELECTRICAL SPECS	CONDITIONS	MIN	MAX	UNITS
Temperature Range	Operating	0	50	Deg C
Temperature Range	Storage/No Power	-40	60	Deg C
Humidity	Operating/Storage	0	85	% RH
Voltage to sensor	Internally Supplied	10.8	13.2	Volts DC
Current to sensor	Internally Supplied	-----	100	mA
Current to analog output	Internally Supplied	4	20	mA

PROGRAMMED PARAMETERS	MIN	MAX	FACTORY SET	UNITS
Low Update Time	0.1	99.9	0.1	sec
High Update Time	0	99.9	0.2	sec
Rate Scaling Display - Scaling Pt 1	0.2	999999	60	
Rate Input Value - Scaling Pt 1	0	99999.9	1	
Analog Output Type (0-20mA, 4-20mA, 0-10V)			4-20	mA
Analog Assignment (ACnt, BCnt, CCnt, rAtE, LO, HI)			rAtE	
Analog Low Scale Value	-19999	99999	0	RPM
Analog High Scale Value	-19999	99999	1000	RPM

Rev A