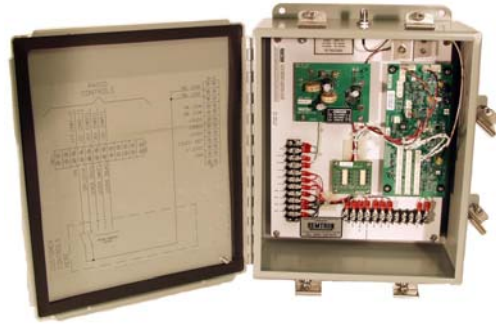


T8C/ T16C “Hard-wired” Style Transmitter

- 8 and 16 Function Transmitters
- Up to 8/ 16 Discreet Inputs for direct input from existing controls
- LED Status light
- Opto-Isolated inputs for superior noise immunity



RF Characteristics

RF unit.....	Microprocessor controlled PLL synthesizer with up to 81 different channels
Frequency Range.....	902-928 Megahertz (MHz)
Channel Spacing.....	300 Kiloherztz(KHz)
RF Power.....	Meets FCC Part 15 requirements for license-free operation
RF Approval.....	License-free in North America
FCC ID #.....	EGT834TX
Industry Canada Certification #.....	249 710 31890
Modulation.....	Packet Mode, Digital Frequency, Modulation (FM) based on Manchester code
Response Time.....	60 Milliseconds
Update Rate.....	16 packets per second command, 4 packets per second idle
Range.....	300- ft. obstructed view, 1000-ft. line of sight (unobstructed)
Antenna.....	3" tuned element

Safety and Operational Characteristics

Maintained Link.....	Receive at least one valid transmission each second to continue operations
Loss of Maintained Link.....	Safety shutdown, positive restart required
Addressing Safety.....	16-bit, 65,535 unique addresses with 85 channels providing over 5 million variations
Safety Decoding.....	16-bit Cyclic Redundancy Codes (CRC) check
Safety Stop.....	Over-riding Stop command with safety relay
Start-Up Safety.....	Start inhibited if controls pressed before start
Status Indications.....	LED indicators with status for power, active transmission and low-battery and failure (Or control activated on Start)
Battery Type.....	115 VAC or 230 VAC, 1 phase, 50 – 60Hz (24 VAC, 12 VDC, 24 VDC; AA alkaline optional)
Battery Operating Time.....	Up to 120 hours of continuous operation (Alkaline battery option)

Environmental Characteristics

Temperature Range.....	-20° to +160° F (-29° to +71° C)
Humidity Range.....	0-97% maximum non-condensing
UL Rating.....	UL 508 (Class I, Division I, and Group C & D and Class II, Division I and Groups E, F, and G also available)
Environmental Protection	Humisealed electronics

Physical Characteristics

Style.....	Terminal Block connection “hard wired” transmitter
Main Components.....	Surface mount technology
Housing Material.....	NEMA 4 Steel Enclosure
Weight.....	10 lbs. (4.54 kg)
Dimensions.....	16" x 16" x 6" (12.7cm x 25.4 cm x 17.78 cm)