



Ref: FAQ-001

Title – RadioTech Pulse Tx Characteristics

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Question –

What are the required Pulse input characteristics for RadioTech Pulse Transmitters?

Answer –

The Radio Tech Pulse Transmitters can detect pulses with the following characteristics;

Min Pulse Width = >1ms

Min Frequency = 0.1Hz

Max Frequency = 10Hz

VHF (153MHz / 169MHz)

Logic '0' = 0 to 0.5V

Logic '1' = 3.3V to 5V

UHF (434MHz / 869MHz)

Logic '0' = 0 to 0.5V

Logic '1' = 2.5V to 3.3V

There isn't a maximum pulse width as such; the reed switch connected to the transmitter can stay open or closed indefinitely.

Logic 0 and 1 i.e. open or closed.

Document History:

Edition	Date of Issue	Modification	Notes
1st	19 th June 2013	1 st Release	n/a