

A DETECTOR FOR METAL OBJECT

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ABSTRACT

My metal detector presented here is the simple variety and it only detects large items of metal at a close range. In other words, it does not discriminate between ferrous and non-ferrous metals. If a piece of metal is being close to my metal detector, the circled choke (detector) will change its inductance by detecting its frequency. At last, the comparator produces a tone in the speaker to show there is a metal found.