

TX2 transmitter



*Increased
battery life
smaller size **

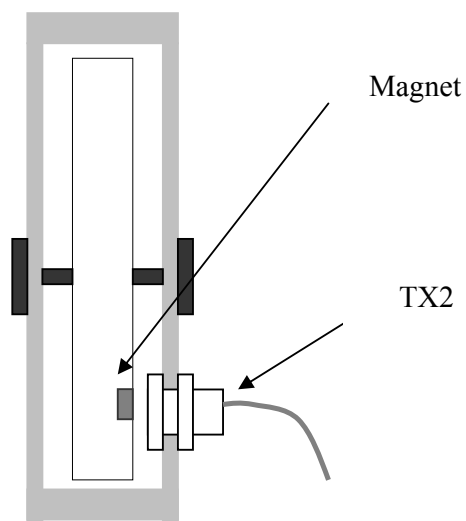
The TX2 replaces the original “Sensor/Transmitter” used with the Tcount system and offers a **smaller size** and **increased battery life**.

The sensor is made from marine grade stainless steel and measures cable-out using a standard marine sheave block.

A **micro controller** is used to determine direction and count before transmitting the value using an integral radio transmitter.

* See specifications overleaf

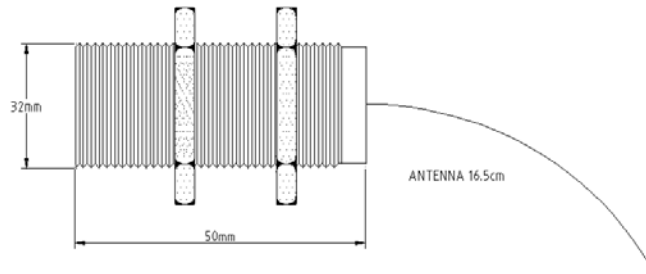
Applications



Specifications

Dimensions:

Length 50mm
Diameter 32mm
Antenna 165mm
Mk1 compatible

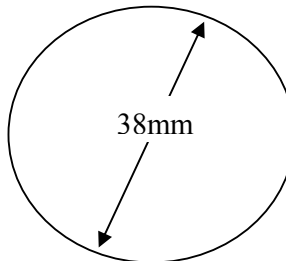


Material:

Housing 316 Marine grade stainless steel
Lock nuts Brass

Fixing detail:

Hole diameter: 38mm (hole saw)
Insulation: Rubber (6mm)
Supplied
Adjustment: 32mm lock nut thread



Technical Detail:

Range 200 metres dependent on operating conditions
Frequency 418 MHz (MPT1340 WT License exempt (433MHz optional))
Transmit power 0.25mW E.R.P.
Battery Lithium 3.6 volts
*Battery life 10 years standby, 6 years operational (assumes a 6000 count each day!!)
Maximum count depends on circumference of sheave wheel (8192 revolutions)
Identification One of four addresses are allocated to the TX2 at manufacture
Environmental -20°C + 70°C
Reset Magnet at opposite end, count sequence or by Tcount receiver
A maximum of four TX2's can be operated simultaneously with Tcount receiving equipment

* Operational assumes 6000 revolutions every day, Standby is with the sheave wheel stationary