# MSB Speed Sensor LS bis 170km/h

A speed indicator for all Multiplex M-Link receiver with telemetry feedback signal to Royal Pro- and Cockpit SX M-Link transmitter

**MSB** ®

## Firmware Version 1.0



**Use and Features:**

- Easy initial operation( assemble pitostatic tube, jig MSB address, plug, switch on and read test result) No PC is necessary! Plug and Play!
- One-tube- system for easy installation
- Measurement range from 30- 170Km/h
- Dynamic pressure measurement ( comparison to real airplanes)
- 20Mhz RISC CPU (fast converting of test results)
- Automatic nullification (sensor calibration)
- Small, light, also fits into small models
- German and English manual is available
- Dynamic and static pressure interpretation for speed measurement
- Supports **Multiplex Sensor Bus** (MSB) with feedback signal of current speed and Top-speed in Km/h to Royal EVO M-Link or Cockpit M-Link transmitter

Following M-Link receivers with sensor data are supported by MSB Speed Sensor:

**RX 7-DR M-Link 2,4GHz**

**RX 9-DR M-Link 2,4GHz**

**RX 9-DR pro M-Link 2,4GHz**

**RX 12-DR pro M-Link 2,4GHz**

**RX 16-DR pro M-Link 2,4GHz**

**Handling:**

By switching on the RC System the nullification occurs automatically and the sensor is ready for operation. Now you can fly. The current speed is displayed in the RC Display permanently. The sensor notices the maximal flown speed( Top Speed). By switching off the RC transmitter this value gets reset to Null.

**Specifications and Limits:**

| MSB Speed Sensor Specifications | |
|---|---|
| Input voltage max. | 4,6-10Volt |
| Measurement range | 20-170Km/h |
| Error of measurement | +- 5Km/h |
| Measurement procedure | back pressure, static and dynamic |
| Top Speed value gets saved | Yes |
| | |
| Optical signalization | MSB Bus Transmit |
| | |
| | |
| Multiplex Sensor Bus MSB | Yes |
| Measurement B x L x D in mm | 31 x 41 x 20 |
| Weight of MSB Sensor without Pito and tube | 18gr. |

**Scope of delivery:** Pitostatic tube, silicone tube about 50cm and Sensor Electronic
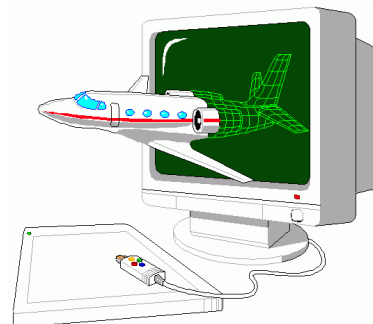
CB Elektronic

Egerländerstr.6

D-61137 Schöneck

E-Mail: d.bubley@t-online.de

http://www.cb-elektronics.de/

Telephone and Fax: 06187/959085

© Copyright CB Elektronics 2010

is a Trademark of Multiplex RC