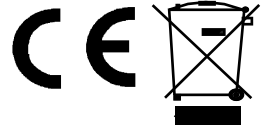


S.M. Services (UK) Ltd

18 Orchard Way, Cranfield, Beds. MK43 0HU. Tel 01234 751095

Servo Speed Controller



Specifications

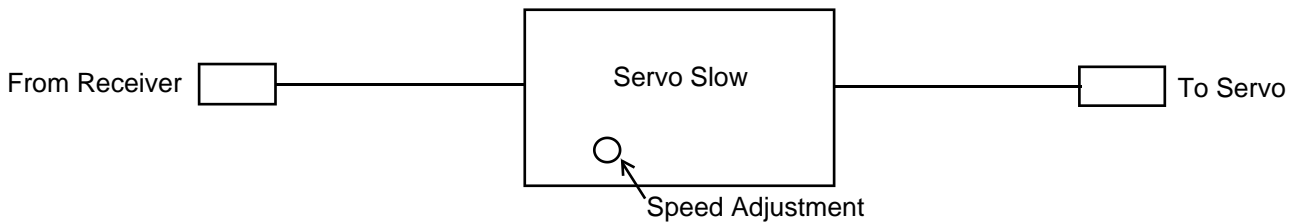
Size. 32mm x 22mm x 15mm
Construction. Boxed
Connections. Via universal fly leads and plugs
Operating Voltage. 4v to 10v DC
Operating Current. 5mA @ 4.8v plus servo current.
Output. Follows input at eight pre-set speeds.

Description.

The unit is a micro computer controlled signal monitoring system, the function of which is to reduce the servo rate of change on the output arm. The rate is adjustable to eight pre-set speeds.

As each servo pulse is received it is measured and the difference from the previous pulse is calculated, the difference and speed setting are then integrated and a modified servo pulse is sent.

When used to slow a mechanical retract system (using a proportional servo) if a decision is made to abort the deployment of the retract the servo will immediately reverse back to its starting point.



Standard receiver wiring connections.

Lead function	Futaba	JR/New Sanwa	Hitec	Sanwa (old)
Positive = +	Red	Red	Red	3
Negative = -	Black	Brown	Brown	2
Signal	White	Orange	Yellow	1

Please refer to your equipment instructions for wiring codes if they are not listed.

WARNING

1. Do **NOT** reverse positive and negative wires. (Red and Black)
2. **ALWAYS** remove power from the unit before connecting or disconnecting any input or output connection, Failure to observe this instruction can damage both the unit or the equipment it is connected to.
3. **ALWAYS** range check when adding to or changing the control system of a model.
4. S.M. Services (UK) Ltd products are tested for use on the UK 35 Mhz aircraft frequency, use on other frequencies should not be a problem, however use on frequencies other than 35 Mhz is at the users risk.
If you have any questions or problems with this product please contact us, we are here to help you.

Your Guarantee

S.M. Services (UK) Ltd guarantee all products for 1 year from date of purchase. During this time S.M. Services (UK) Ltd will repair or replace all defective products free of charge, except for Units subject to fair wear and tear, or units that are subject to crash damage. To qualify for benefits under the guarantee you must have installed and used the product in accordance with S.M. Services (UK) Ltd instructions. Consequential losses and accidental damage to the product are not covered by the guarantee. S.M. Services (UK) Ltd cannot be held responsible for results of using our products for any purpose other than those described in the relevant instructions.

Returns

Any returned products ordered in error or are not required will if returned unopened in original product packaging within 28 days from date of purchase be subject to a full refund less shipping charges and a 5% handling charge. All other returns will be subject to a full refund less shipping charges and a 20% handling charge.