

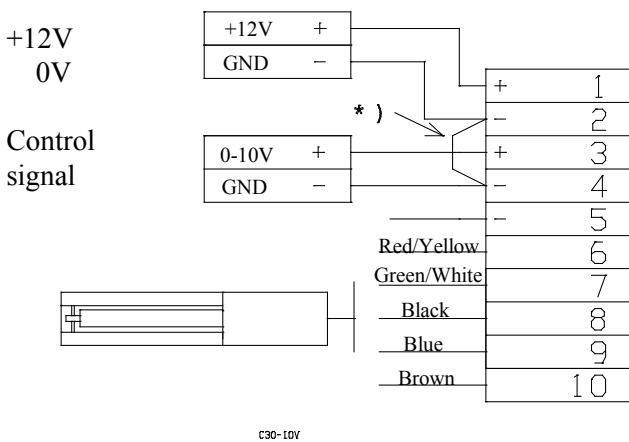
SM 58C

ACTUATOR WITH CONTROLLER-UNIT

INSTALLATION

1. Wiring

Keep 0-10V control signal cables and 230V power cables separated by at least 10cm. Use short wires inside the box.



*) Insert short if supply does not come from same unit as control signal.

2. Red LED State

Description	Red LED state
OK	ON
Actuator or PCB defective	0,4 sec. ON / 0,1 sec. OFF
Missing control signal	0,1 sec. ON / 0,4 sec. OFF
Supply below 11V. (Normal operation returns when supply rises above 12V).	OFF

3. Adjusting Length Of Travel

Length of travel is adjusted to maximum from the factory. It is possible to adjust the stop position in both ends:

- Set dipswitch 1 ON and dipswitch 2-6 OFF.
- Set dipswitch 7 according to the table below.
- Connect 12V at terminal 1 and 2, leaving terminal 3 and 4 open.
- Spindle out: Adjust P1 **anti-clockwise** and the spindle goes in.
- Spindle in: Adjust P2 **clockwise** and the spindle goes out.

4. Dipswitch Settings

Dip. sw.	OFF	ON
1	Emergency opening = 20% + 1½ * position 5 minutes before	Emergency opening = 100%
2-6	MUST BE OFF	
7	Ctrl Signal = 1,5V (closed position): Actuator spindle is in	Ctrl signal = 1,5V (closed position): Actuator spindle is out
8	Emergency opening, Actuator reacts according to dipswitch 1 when control signal drops below 0,3V. Normal operation when control signal rises above 0,8V.	No emergency opening.