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## Electronic Soft Shift Controller - PTD-SS1

Electronic Controller Solutions for Mobile, Industrial & Marine Applications.

### Application Information:

- Electrically adjustable Soft start / Soft Stop controller
- Rate of change not viscosity dependent
- Can be used with all types of electro-hydraulic valves
- Repeatable 'Bumpless' Compression / De-compression
- Perfect for load / Un-load circuits to reduce wear

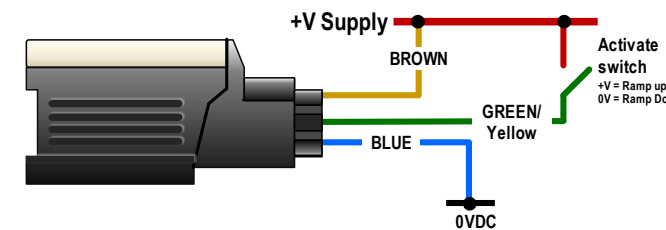
### Product Feature Overview:

- Industry standard DIN 43650 connector footprint
- One unit for 10 - 30VDC operation
- Range adjustable from ~50mS to ~1 second
- LED diagnostics show full controller operation at all times
- Complete with 1M/3 feet of color coded wire for fast, easy connection
- Mounting hardware and gaskets supplied with each controller
- Meets latest CE latest test standards
- Flame retardant resin used to fully encapsulate unit for high IP/NEMA rating



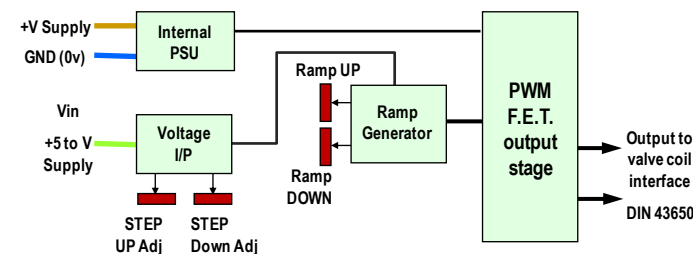
Order **PTD-SS1** for this unit

### Electrical Connections and Controller Specification Overview:



- BROWN** - +V Supply Input
- BLUE** - GND (0V) Supply Input
- GREEN/YLW** - Voltage Input

NOTE:  
If an external voltage source is used, user MUST ensure external signal source 0V is connected to same GND at this controller for correct operation



- Housing Type:-** HCT unique 'encapsulated' block.
- Input Supply Voltage:** +10 to +30VDC ( Abs. Maximum )
- Output Current:** 3.0 Amps Max ( limited )
- Output Power:** 36W ( Abs. Maximum )
- Coil Resistance:** 4.8 to 30 Ohms @ 20°C
- Command Input Type:** Voltage only
- Input Resistance:** ~820 Ohms
- Command Input Value:** +5 to +V Supply ( Abs. Maximum )
- Step UP/DOWN adjust:** ~0 to ~100%
- Ramp Times:** 50mS to ~1 Sec  
Separate UP and Down settings
- Housing Material:-** High Impact resistance ABS.
- Wire Connections:-** 1M/3' pre-connected color coded cable
- Encapsulation:-** Flameproof epoxy resin filled
- Mounting:-** DIN 43650 connector footprint
- Temperature range:-** -20 to +70 °C ( operational )
- NEMA/IP Rating:** NEMA 6 / IP65 when assembled and

