

# Servo Valve Amplifier with Ramp & Dither Functions (Eurocard Format)

<b>Part Number</b>	STE0005
<b>Description</b>	This servoamplifier comprises a multiple summing amplifier, a current feedback output amplifier, ramp generator and dither oscillator on a single Eurocard. It can be used to drive any servovalve in a variety of applications to achieve electrohydraulic control of position, load or velocity. Multi-turn potentiometers on the front panel permit adjustment of PID gains, servo null, feedback scaling, dither and ramp rate.
<b>Connector</b>	DIN 41612 64 way type C (rows a & c)
<b>Linear Gain</b>	Link selectable and variable 1 – 500 mA / V
<b>Integral Gain</b>	Variable from 0.5 mA / V Sec
<b>Multiple Inputs</b>	+/-10 mA, differential and single-ended +/- 10V
<b>Outputs</b>	Up to 150 mA drive, short circuit protected
<b>Ramp Function</b>	Linear ramp adjustable 10mS / V to 1 Sec / V
<b>Dither</b>	Adjustable 0 – 2 V pk-pk triangular wave at 350 Hz
<b>Power Supply</b>	+/-15VDC @ 100mA plus valve
<b>Environment</b>	0 – 50 deg.C 20 – 80% RH operating
<b>Compatibility</b>	KM6 – II front panel style

- Features Include**
- Full PID Control
  - Summing Amplifier
  - Current Drive
  - Dither Oscillator
  - Ramp Function
  - Selectable Current Gain
  - Integrator Reset Control
  - Output Protection
  - Eurocard Format
  - DIN 41612 Connector
  - Full Technical Support

