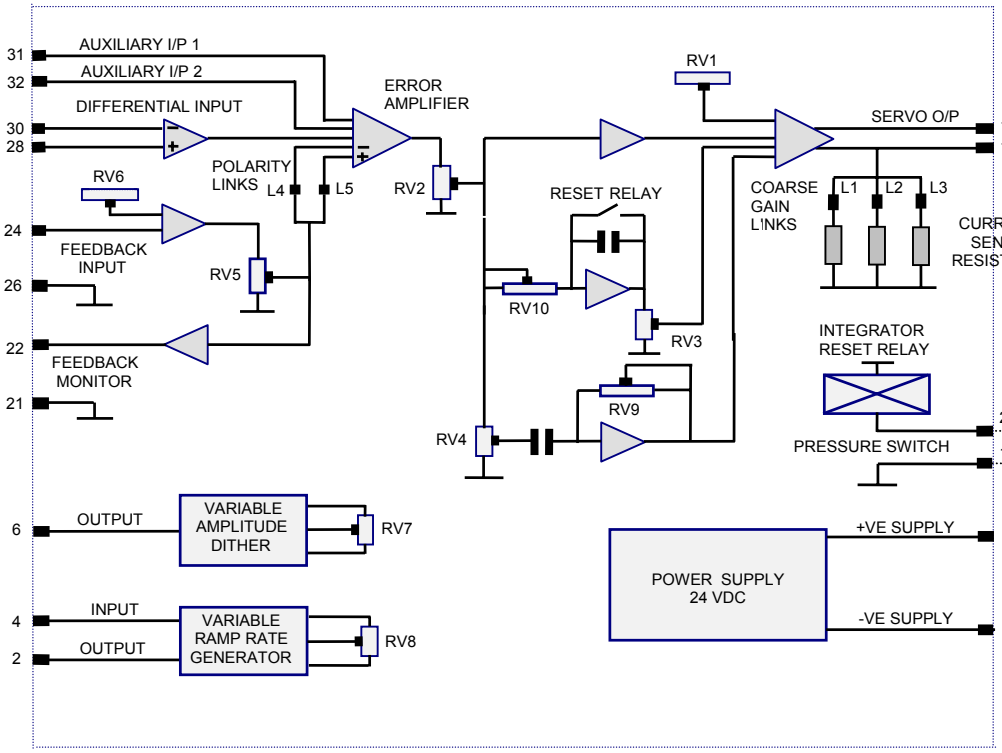
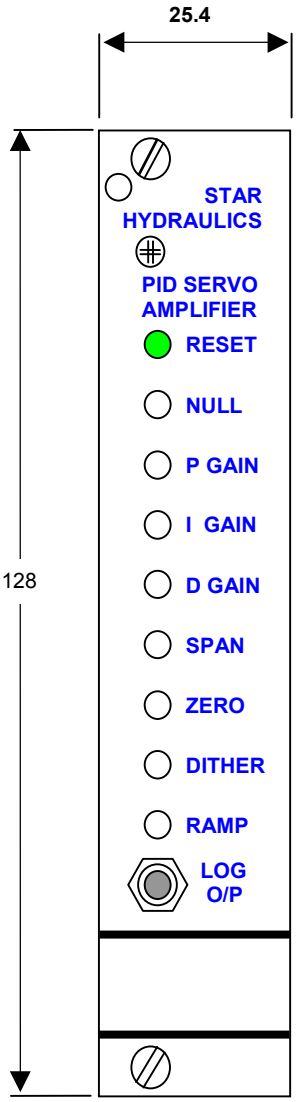
Servovalve Amplifier with Ramp & Dither Functions (Eurocard Format)

Part Number	STE0007
Description	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.
Connector	DIN 41612 64 way type C (rows a & c)
Linear Gain	Link selectable and variable 1 – 500 mA / V
Integral Gain	Variable from 0.5 mA / V Sec
Multiple Inputs	+/-10 mA, differential and single-ended +/- 10V
Outputs	Up to 150 mA drive, short circuit protected
Ramp Function	Linear ramp adjustable 10mS / V to 1 Sec / V
Dither	Adjustable 0 – 2 V pk-pk triangular wave at 350 Hz
Power Supply	24VDC @ 100mA plus valve
Environment	0 – 50 deg.C 20 – 80% RH operating
Compatability	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





Manufactured by Star Hydraulics Ltd, 8A Beta Close, Tewkesbury Business Park, Glos GL20 8SR England UK Tel. +44(0)1684 296176 Fax +44(0)1684 850714