



Description:

The load limiter model SLC 1 is an analogue instrument expressly designed for use in any industrial and civil system, for electronic weighing systems, using load cells of the type with electrical strain gauges.

Typical applications are:

- Overload control for lifting machines
- Alarms and level measurement for silos, tanks, etc.
- Alarms for any process quantity
- Measurement transmitter for PC / PLC input

Main features:

- Input +/-15mV
- Load cell power supply protected against short circuit
- Two alarm thresholds with relay output (clean contacts)
- Fault control circuit
- Digital relay output (clean contacts)



**LOAD LIMITER
TYPE SLC 1**

Technical features:

Power supply	from 10 to 30vca
Maximum consumption	0,40w
Display	7-segment 4-digit lcd display
Keyboard	3 mechanical keys
Measuring range	+/- 15mv
Load cell power supply	5vcc
Temperature drift	tipycal 4 ppm; max 20pp
Cell electrical connection	4 wires
A/D cells input	internal converter sigma/delta 24 bits
Resolution displayed	4 digits without with the possibility of switching on the decimal point
Selectable decimal point	0 – 0,0 - 0,00 – 0,000
Relay digital outputs	Free contacts
Current control	For 350 R load cell
Container	Grey pvc ip56
Operating temperature	0 to 45 gradi