

**SPECIFICATIONS :**

Supply Voltage	: 12 VDC
Maximum Allowable Ripple	: 10% (P-P)
Operating Range	: 0.4 – 3mm
Linearity	: $\pm 2\%$ of F.S
Resolution	: 0.05% of F.S
Output – Voltage	: 5V/mm, 10mA Max.
No Load Current	: 100 mA Max.
Response Frequency	: 50Hz. (-3 dB)
Temperature Stability	: 0.05% of F.S/ $^{\circ}$ C
Ambient Temperature	\pm 0 – 80 $^{\circ}$ C
Standard Target	: 12x12x1mm of S _t
Housing	: Aluminium, 115x53x30 mm
Connection	: 5M. M12 Connector
Indication	\pm Red LED – Power
Output adjustments	: R7 for Zero, R8 for Span



1. +ve
2. SW
3. GND
4. Output

PARAM	UNIT
Power	
Span	
Zero	

CALIBRATION PROCEDURE FOR LE-N 320**STEPS TO BE FOLLOWED**

- a) The ZERO & SPAN Potentiometers are used for Calibration of the sensor.
- b) The Output Voltage of the Inductive Displacement Sensor is measured at the Output cable supply, with reference to the device.
- c) Insert a 0.5mm slip gauge between the Feeder table and the sensor. Set Output voltage to 4.21V using the **span** potentiometer.
0.5mm Slip Gauge Voltage 4.21V \pm 0.01V
- d) Insert a 1.25mm slip gauge between the Feeder table and the sensor. Set Output voltage to 5.48V using the **span** potentiometer.
1.25mm Slip Gauge Voltage 5.48V \pm 0.01V
- e) Repeat steps 'c' and 'd' until the desired sensitivity.
- f) To check the adjustment use a 0.5mm slip gauge between the slip gauge and the Feeder table and put accurate block on them. In this case the Output Voltage Measuring system should read 4.2V.
0.5mm Slip Gauge Voltage 4.2V \pm 0.01V

PARAM	UNIT
Power	
Span	
Zero	