

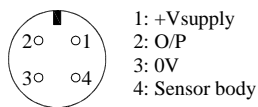
# Installation Information

## LIPS® 113 Slim-Line Linear Sensor

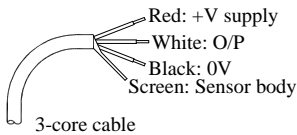


<b>Electronics Option</b>							
<b>Output Description:</b>	Voltage ratiometric with supply						
<b>Supply Voltage (Vs):</b>	5±0.5V						
<b>Output:</b>	0.5 to 4.5V						
<b>Load resistance:</b>	2kΩ min						
<b>Load connected to:</b>	0V						

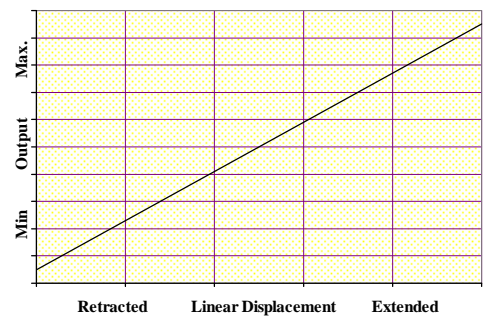
### Connector pin layout:



### Cable conductor colours:



Output Characteristic



### Mechanical Mounting:

Depending on options; Body can be mounted by M5 male thread, rod eye or body clamps are available. Target by M5 male thread or rod eye.

### Output Characteristic:

Target is extended 2 mm from end of body at start of normal travel.

The output increases as the target extends from the sensor body, the calibrated stroke is between 10 and 300 mm.

**Warning - the connector on 'J' or 'K' coded sensors can be rotated for purposes of convenient orientation of the connector and cable, however rotating the connector more than one complete revolution is not recommended.**

**Repeated rotation of the connector will lead damage to the internal wiring.**

### Incorrect Connection Protection levels:-

**Not protected** – the sensor is **not** protected against either reverse polarity or over-voltage. The risk of damage should be minimal where the supply current is limited to less than 50mA.

### For further information, please contact:

Everight Precision Technologies Corporation  
102 Commerce Dr., Unit 8, Moorestown, NJ 08057  
www.everightsensors.com info@everightsensors.com  
phone: 856-727-9500 fax: 610-672-9663

