

Panel Mount Auto/Manual Station v4 LOS406

DESCRIPTION

The LOS406 is a front of panel mount instrument in the popular 48 x 96mm DIN format. A 10-turn potentiometer adjustment combined with an inbuilt 3 ½ digit 10mm LCD indicator and an auto/manual switch, allows the operator to precisely set a required analogue output signal with the switch in the manual position. With the switch in the auto position, control input is passed directly to the output, with indication of the signal level. The most popular input/output signal is 4 - 20mA but can be any other type of analogue signal. The combination of the 10-turn potentiometer and the indicator allows easy setting and fast changes of the output signal in the manual mode. In the manual



mode this unit features span and zero adjustment (15-turn trimmers) on the front providing a high degree of field flexibility. The 3½ digit format will give an adequate display format for most process display requirements. Maximum readout is 1999, the decimal point is factory set via an internal link. Various engineering units can also be displayed. An optional display offset to allow indication for example of 4.00...19.99mA is also available. Various power supply choices are available varying from 240Vac down to 8Vdc, all provide power isolation. All units are fitted with a 0.1 second filter. This filter constant can be increased or decreased if required.

General Specifications

| Size: Mounting: Termination: Protection class: Weight: Housing material: Indication: Accuracy: Temperature effect: Operating temperature: Output load effect: Output load effect: Output loop drive: (manual mode only) | 48H x 96W x 120D (mm). Panel cut out 92 x 45 (mm). Screw terminals on back. IP54. 0.300 kg. ABS. 3 $\frac{1}{2}$ Digit LCD 10mm. ±0.2% of span. 0.01% per °C. -10+50°C. less than 0.2% up to max. load. 10mA into 0 - 1.8kΩ. 20mA into 0 - 900Ω. # See note on next page. 50mA into 0 - 2600. # | 415 |
|--|--|-----|
| | 50mA into 0 - 360Ω. # 4W. 2kV rms. Complies with AS/NZS 4251.1 (EN 50081.1) | |

Typical Applications

- Actuator operation.
- Loading station for manual adjustment of process signal.
- Fixed output current source.
- Signal generator for system check.
- Auto / Manual station.
- Remote set point generator for controllers.

For input / output combinations refer to TYPE NO. DESIGNATION overleaf.



