



MODEL 806 – MICROPROCESSOR BASED SIGNAL INDICATORS (High Precision and Fully configurable 6 digit indicator only)

Technical Catalogue



(96*48 size, 0.25" display)

Introduction

Pantech's Programmable Microprocessor based Indicator model 806 is an ideal instrument for providing indication as to a precision of 6 digits or 200000 counts. It is designed to accept single input of any linear signal. The user can also configure to set the range of linear inputs or calibrate the instrument without opening it. Retransmission facility is of course provided with all possible configurations allowed by front keys as usual. Single level password is there to keep the settings and configurations intact for the right user only.

Low drift precision components are used for long term accuracy of the instruments. All instruments undergo a burn-in for better reliability. The instrument is available in different formats and sizes. Information regarding specification and size is given below.

Specifications

Inputs

- 1)Current, 4 – 20 mA DC/ 0 – 20 mA DC
- 2)Voltage, 1 – 5 V DC/ 0 – 10 V DC
-75 to 75 mV / -10 to 10 V DC
- 3) SPECIAL LINEAR TYPES

Input impedance

200 K for Voltage
upto 250 ohms for current inputs

Display resolution

6 digit (200000 counts)

Display size

0.25 to 0.5"

Display accuracy

+/- 0.15% of span

Analog output

- 1)Isolated / Non Isolated 4 – 20 mA DC
- 2)Isolated / Non Isolated 0-10 V DC
- 3)Other types on factory confirmations

Analog output load capability

800 maximum

Output accuracy

+/- 0.15% of span

Transmitter power

24 V DC for current inputs

Power supply

- 1)24 V DC
- 2)110 V AC, 50 Hz, +/- 10%
- 3)230 V AC, 50 Hz, +/- 10%
- 4)90-270 V AC, 50 Hz. – SMPS
- 5)Specials on factory confirmations

Security

Single level Password protected

Power consumption

3 VA max.

Ambient temperature

0 – 50 C.

Storage temperature

0 – 70 C.

Humidity

90% RH (non-condensing)

Enclosures

Weatherproof, Flameproof and all other standard types

Mounting

Panel / Wall / Field / Dinrail / Eurocard / Specials

Dimensions

96*96 / 96*48 / 72*72 / SPECIALS

Ordering Information (12 digits)

Please confirm the availability of the model by cross checking the table mentioned on the backside.

Basic Model No. (Specified by first 3 digits)

806 -Signal Ind. cumController
Microprocessor based and
Fully configurable

Power Option (Specified by the second digit)

- 1-24 V DC
- 2-110 V AC
- 3-230 V AC
- 4-90-270 V AC – SMPS S-SPECIALS

Enclosure / Mounting (Specified by letter following 3 digits)

- P-Weatherproof - Panel
- R-Weatherproof -Din Rail
- E-Weatherproof - Euro card
- W-Weatherproof - Wall
- F-Flame proof – Wall / Field
- I-IP65 grades – Wall / Field
- S-Specials

Analog O/P Option (Specified by the fourth digit)

- 0-None
- 1-mA/V DC isolated
- 2-mA/V DC non-isolated
- 3-Any other type of output

Input (Specified by first digit following the letter)

- 1-mA DC signal input
- 2-V DC signal input
- S-SPECIALS



PANTECH INSTRUMENTS



PANTECH INSTRUMENTS

102, Shailja Complex II, Near R. C. Patel Estate, Akota-Padra Road, Vadodara - 390 020. (INDIA)
Telefax : (0265) 2331380, 6616080 Mobile : 98240 16466, 99242 10722
E-mail : pantech_instruments@yahoo.com URL : www.pantechindia.com