

# SET POINT COUNTER

Model : DC 370



## INTRODUCTION

Introducing the DC 370 Set Point Counter, a sophisticated counting device engineered to offer precise control and monitoring capabilities in diverse applications. With its advanced set point functionality, this counter enables users to define specific thresholds or targets, triggering alerts or actions upon reaching these thresholds. Whether employed in industrial automation, manufacturing, or laboratory settings, the DC 370 provides flexibility and accuracy, empowering users to optimize production processes and ensure stringent quality control. Featuring intuitive controls and a user-friendly interface, the DC 370 facilitates seamless configuration and operation, making it an indispensable tool for enhancing efficiency and productivity in counting tasks.

## Applications

- |                                                     |                                                           |
|-----------------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> Automotive Industries      | <input type="checkbox"/> Food Industries                  |
| <input type="checkbox"/> Beverage Industries        | <input type="checkbox"/> Pharmaceutical Industries        |
| <input type="checkbox"/> Electronic Industries      | <input type="checkbox"/> All kind of packaging Industries |
| <input type="checkbox"/> Paper & Textile Industries |                                                           |

## FEATURES

- ✓ 6 Digit Seven Segment LED Display
- ✓ Wide counting Range 999999
- ✓ 3 to 30V DC Input Pulse from any type of Sensor
- ✓ Allows Maximum 3.5 kHz Input Pulse Speed
- ✓ Selectable input pulse speed Low / Medium / High
- ✓ 2 Relay output with front key set table 2 high set points
- ✓ Front key Reset with Protection
- ✓ Cumulative count display
- ✓ 10 Years Memory Backup
- ✓ 12 V DC Sensor Supply
- ✓ Universal Supply Voltage 90 to 270V AC / DC

## Technical Specifications

| Model               | DC 370                                                                                                                          |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Display             | 6 digit 0.39" seven segment red led                                                                                             |
| Range               | 0 – 999999 counts                                                                                                               |
| Resolution          | 1 count / pulse                                                                                                                 |
| Input               | 3 - 30V DC pulse from Proximity Sensor, Photoelectric Non Contact Sensor, Encoder, Potential Free Contacts, Limit Switch etc.,. |
| Input speed         | 3.5 kHz (Max.)                                                                                                                  |
| Sensor supply       | 12V DC ( $\pm 10\%$ ) 50 mA                                                                                                     |
| Relay output        | 2 NO , 2 NC 5 A Rated Relays                                                                                                    |
| Working temperature | 0 to 50°C                                                                                                                       |
| Power supply        | 90 – 270V AC / DC 50Hz                                                                                                          |
| Dimension           | 72 x 72 x 65 mm                                                                                                                 |
| Weight              | 200 grams (Approx.)                                                                                                             |

Note: Due to continuous product improvements, Published specifications may change with out notice



## SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879  
( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

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