KUSAM-MECO®

An ISO 9001:2015 Company

THINK SAFETY
THINK KUSAM-MECO®

VOLT / mA PROCESS CALIBRATOR

Model - KM-CAL-816

NEW

INTRODUCTION:

KM-CAL-816 (Volt/mA Calibrator) is a Volt/mA source and measuring tool used in tests on 0-24 Milliampere current circuit and 10V DC voltage. This calibrator can not be used for measurement and output simultaneously. The calibrator can provide current output in accordance with Milliampere value or percentage displayed. Percentage range is from -25.00% to 125.00%. 0% corresponds to 4 Milliampere and 100% to 20 Milliampere. In the current source mode, the calibrator provide current, in the analog mode ,the calibrator simulates a group of two-wire transmitters using external current loop.

The maximum voltage imposed between any input terminal and the ground or between two input terminals 30V.

The calibrator needs to be calibrated annually to maintain its compliance with performance specification.

Preliminary Data

FEATURES :

- Smart Multifunction Process Calibrator With Loop Power INPIT V Measurement
- DC voltage measurement
- DC voltage output
- DC measurement (milliampere)
- DC measurement (milliampere) with loop power supply
- DC output (milliampere) with loop power supply
- DC (milliampere) analog output with analog output current

GENERAL SPECIFICATIONS :

- **Storage temperature :** -40°C to 60°C,
- **Operating temperature :** -10°C to 55°C.
- **Relatively humidity :** 95%(up to 30°C), 75%(up to 40°C), 45%(up to 50°C), 35%(up to 55°C)
- **Overload Protection :** 250mA, 250V fast-acting fuse
- **Over-Voltage Protection**
- Auto Power Off in 5 minutes.
- Power Supply : 1.5V AA battery
- Dimension : Approx. 194 x 94 x 54 mm
- Weight : Approx. 725g. (including Battery)

ELECTRICAL SPECIFICATIONS :

Functions	Range	Accuracy
mV Measusrement (INPUT)	0 ~ 100mV	± (0.02%rdg + 2dgts)
mV Source (OUTPUT)	0 ~ 100mV	± (0.02%rdg + 2dgts)
V Measusrement (INPUT)	0 ~ 10V	± (0.02%rdg + 2dgts)
V Source (OUTPUT)	0 ~ 10V	± (0.02%rdg + 2dgts)
mA Measure	0 ~ 24mA (-25% ~ 125%)	± (0.015%rdg + 4dgts)
mA Source	0 ~ 24mA (-25% ~ 125%)	± (0.015%rdg + 4dgts)
Loop Power	24V DC	± 10%

SAFETY :

- **EN61010-1, EN61326-1**

All Specifications are subject to change without prior notice.