PEAK LOAD AND DISLACEMENT RECORDING INDICATOR
Model CT904

Features

- Separate displays for load indication and displacement
- Range for load indication corresponding to 4-20mA input digitally settable from front panel
- Digital Calibration user settable for rotary encoders
- Peak/Normal mode selectable
- Up to 9 peaks can be recorded and recalled for Load and Displacement
- Buzzer annunciation at Peak
- Relay output for cut-off protection for load, displacement as well as breaking load
- Digital tare for load and displacement provided to remove initial error
- Dead weight load offset settable
- Non-volatile memory for saving configuration
- Configuration lock at rear to prevent tampering with Range
- Aesthetically designed front panel with membrane switches

Specifications

- Display : 4 Digit 0.56” 7 segment Red LED display for Load (KN)
  4 Digit 0.56” 7 segment Red LED display for Displacement (mm)
- Range
  - Load : 1KN to Range
  - Displacement : 0.1mm to 999.9
- Accuracy : ±0.1% of Full Scale ± 1 digit
- Input : From 2 wire loop transmitter giving 4-20mA output
  4-20mA input => 0 – Range
  For displacement from 3 wire Rotary encoder (+5V pulses)
- Relay Logic : When Relay ON for Load ≥ Set Load Limit
  Relay ON for Displacement ≥ Set Displacement Limit
  Relay ON for Load falling below Breaking Load after peaking
- Normal/Peak Mode : Selectable from front panel with LED indication of mode
- Peak Read : 9 peaks of both load and displacement with facility to reset memory
- Peak Detection : Peak hold resettable from front Reset Switch or by a parallel rear external contact
- Tare Facility (Zero) : Digital Tare using front panel Tare switch (for removing initial offset error). Tare also resets Displacement to Zero.
- Memory : Non-volatile EEPROM to save settings
- Configuration Lock : On rear terminals to prevent unauthorized/accidental alteration of Range using front switches
- Supply : 220V AC ± 15% @ 50/60Hz
- Dimensions : Front Fascia: 96mm x 192mm Cut Out : 92mm x 188mm