

Loop Powered

Indicator

MODEL NO. - LP-LEDF

SPECIFICATIONS

INPUT CURRENT - 4 – 20 MA DC
DISPLAY - 4 DIGIT (-1999 TO 9999)
RANGE / DECIMAL POINT CONFIGURABLE
DISPLAY SIZE - 0.25" , 0.5"
DISPLAY RANGE - CONFIGURABLE BY FRONT KEYS
DISPLAY ACCURACY - +/- 0.1% OF SPAN
POWER SUPPLY - 24 V DC (22.5 TO 28.0V) 2 WIRE LOOP
VOLTAGE DROP - MINIMUM TO MAXIMUM IS 3-4.5 V DC
AMBIENT TEMPERATURE - 0 – 55° C.
STORAGE TEMPERATURE - 0 – 70° C.
HUMIDITY - 5-95% RH (NON-CONDENSING)
ENCLOSURES - WEATHERPROOF / FLAMEPROOF
MOUNTING - PANEL / WALL / FIELD / DIN RAIL/
EUROCARD DIMENSIONS STANDARD AND SPECIALS



EELCON'S FLAMEPROOF LOOP POWERED INDICATOR IS AN IDEAL INSTRUMENT FOR PROVIDING INDICATION IN THE FIELD WHERE POWER SUPPLY IS NOT AVAILABLE. THE INSTRUMENT DERIVES POWER FROM THE LOOP, I.E. 24 V DC FED TO THE TWO WIRE TRANSMITTER OR FROM THE 4 – 20MA DC SIGNAL FED TO THE LOAD. THE HENCE OBTAINED PROCESS VALUE IS DISPLAYED ON A SEVEN SEGMENTED LED STRUCTURE TO THE RESOLUTION OF 4 OR 4.5 DIGITS. THE USER CAN CONFIGURE TO SELECT THE DISPLAY RANGE AS PER THE INPUT LINEAR SIGNAL BY FRONT FOUR KEYS. POSSIBLE DISPLAY RANGES WITH DIFFERENT DISPLAY RESOLUTIONS ARE MENTIONED BELOW. NOTE THAT ALL THE POSSIBLE CONFIGURATIONS ETC. ARE POSSIBLE BY FRONT FOUR KEYS ONLY. THE INSTRUMENT CAN BE GIVEN IN PCB FORMAT OR IN A WEATHERPROOF / FLAME PROOF ENCLOSURE. THE VERSATILE AND LEAST POSSIBLE PCB DIMENSIONS ALLOWS IT TO BE FITTED IN ANY TYPE OF ENCLOSURE OR INSTRUMENT WITH ANY TYPE OF MOUNTINGS.

LOW DRIFT PRECESSION COMPONENTS ARE USED FOR LONG TERM ACCURACY OF THE INSTRUMENTS. ALL INSTRUMENTS UNDERGO A BURN-IN FOR BETTER RELIABILITY.

SHOWS PROCESS VALUE AS PER THE INPUT SIGNAL OF 4-20 MA DC.

DOESN'T REQUIRE EXTERNAL POWER SUPPLY. DERIVES THE REQUIRED POWER FROM 2-WIRE LOOP 4-20 MA LOOP.

USER IS ALLOWED TO SELECT THE DISPLAY RANGES AS PER DISPLAY DIGIT RESOLUTIONS. LEAST POSSIBLE VOLTAGE DROPS.

**The best at taking you from A to B.
Just you wait and see!**

CONTACT

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