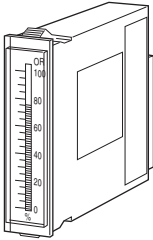


Bargraph Indicators 48 Series

BARGRAPH INDICATOR

Functions & Features

- Displaying a process variable in graphic bargraph of 51 LED segments
- Small size
- High-density mounting



MODEL: 48SV-1R[1][2]-[3]

ORDERING INFORMATION

- Code number: 48SV-1R[1][2]-[3]
- Specify a code from below for each of [1] through [3].
(e.g. 48SV-1RVA-T)

BARGRAPHS

1: Single

BAR LED COLOR

R: Red

[1] MOUNTING DIRECTION

V: Vertical

H: Horizontal

[2] INPUT

Current

A: 4 - 20 mA DC (Input resistance 5.1Ω)

G: 0 - 1 mA DC (Input resistance 100 Ω)

Voltage

3: 0 - 1 V DC (Input resistance 200 kΩ)

5: 0 - 5 V DC (Input resistance 160 kΩ)

6: 1 - 5 V DC (Input resistance 160 kΩ)

[3] POWER INPUT

DC Power

T: 5 V DC

(Operational voltage range 5 V ±10 %, ripple 10 %p-p max.)

R: 24 V DC

(Operational voltage range 24 V ±15 %, ripple 10 %p-p max.)

GENERAL SPECIFICATIONS

Construction: Panel flush mounting

Connection: Connector (leadwires soldered)

Housing material: ABS resin

Isolation: Input to power

Scale plate: Aluminium (white scale & characters on black base)

Indicator: LED

No. of LED segments: 52 including over-range indicator "1"

Scale length: 50 mm (1.97")

Scale: 0 - 100 %

INSTALLATION

Power consumption

•DC: ≤ 1.5 W

Operating temperature: 0 to 50°C (32 to 122°F)

Operating humidity: 40 to 80 %RH (non-condensing)

Mounting: Panel flush mounting

Weight: 90 g (0.2 lb)

PERFORMANCE in percentage of span

Accuracy: ±2 %

Response time: 0.5 sec.

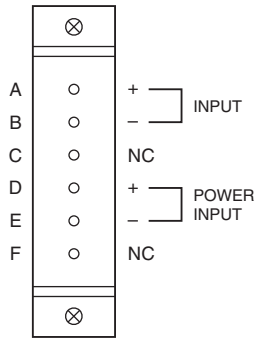
Insulation resistance: ≥ 50 MΩ with 500 V DC

(input or power to ground)

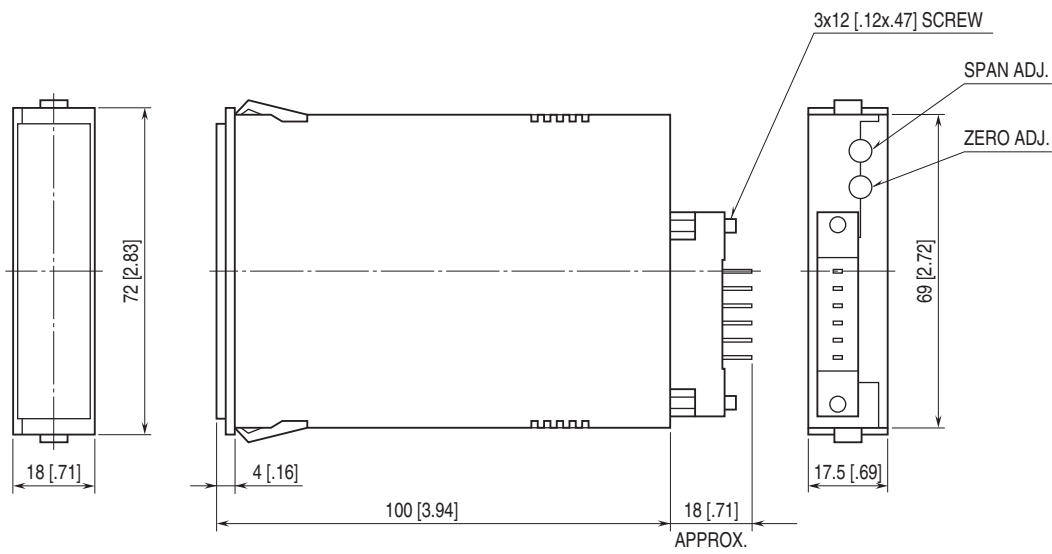
Dielectric strength: 2000 V AC @1 minute (input or power to ground)

500 V AC @ 1 minute (input to power)

CONNECTION DIAGRAM

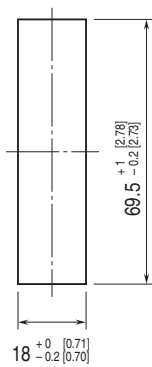


EXTERNAL DIMENSIONS unit: mm [inch]



PANEL CUTOUT unit: mm [inch]

Panel thickness: 0.5 to 2 (.02" to .08")



Specifications are subject to change without notice.