

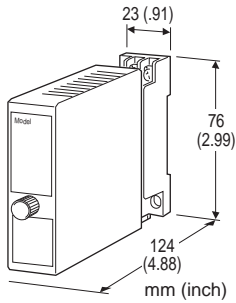
## Super-mini Signal Conditioners Mini-M Series

Dielectric strength: 2000 V AC @ 1 minute  
(Input or output to ground)

### EXTENDER MODULE

#### Functions & Features

- This Extender module is able to connect isolated transducers other than Mini-M modules to communication controllers (model: M2BC, M2BD)
- Convenient when changing current signal into voltage signal thanks to 250  $\Omega$  built-in receiving resistor.



### MODEL: M2BW

#### ORDERING INFORMATION

- Code number: M2BW

#### GENERAL SPECIFICATIONS

**Construction:** Plug-in

**Connection:** M3 screw terminals (torque 0.8 N·m)

**Housing material:** Flame-resistant resin (black)

**Built-in resistor:** 5 - 8 shortcircuit connection

#### INPUT & OUTPUT

**Internal resistance:** 250  $\Omega$  (2 W)

**Allowable excitation voltage:** -30 - +30 V

When mounting with analog communication controller (model: M2BC, M2BD), install an isolated signal conditioner on the same control panel as the input.

Do not connect other instruments to input terminals.

#### INSTALLATION

**Operating temperature:** 0 to 55°C (32 to 131°F)

**Operating humidity:** 30 to 90 %RH (non-condensing)

**Mounting:** Surface or DIN rail

**Weight:** 150 g (0.33 lbs)

#### PERFORMANCE in percentage of span

**Accuracy:**  $\pm 0.1$  % (with internal resistor)

**Temp. coefficient:**  $\pm 0.003$  %/°C ( $\pm 0.002$  %/°F) (with internal resistor)

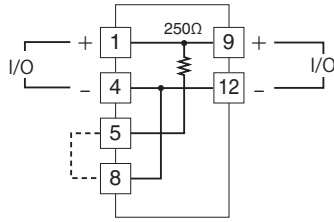


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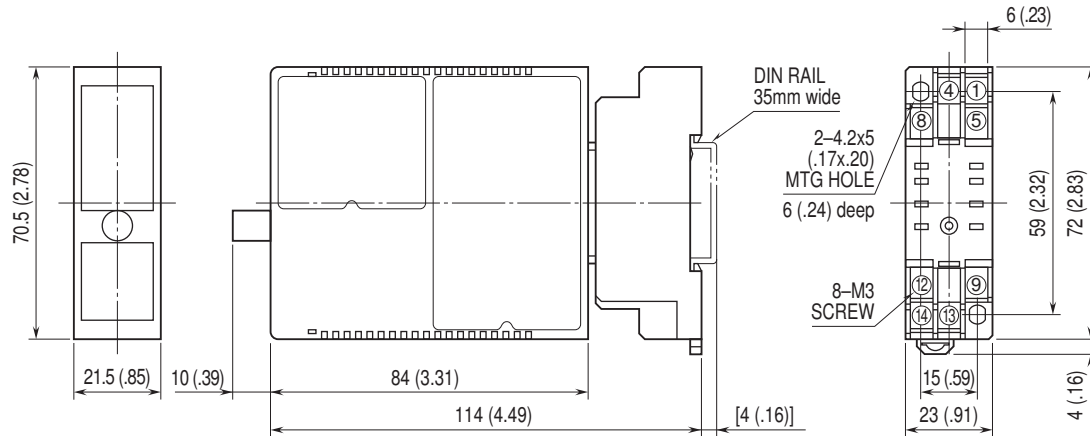
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## CONNECTION DIAGRAM



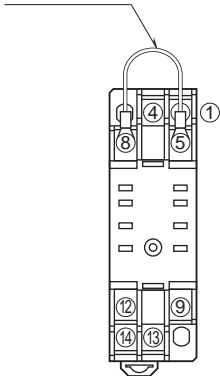
## DIMENSIONS unit: mm (inch)



• When mounting, no extra space is needed between units.

## TERMINAL ASSIGNMENTS

SHORTCIRCUIT WIRE



Specifications are subject to change without notice.