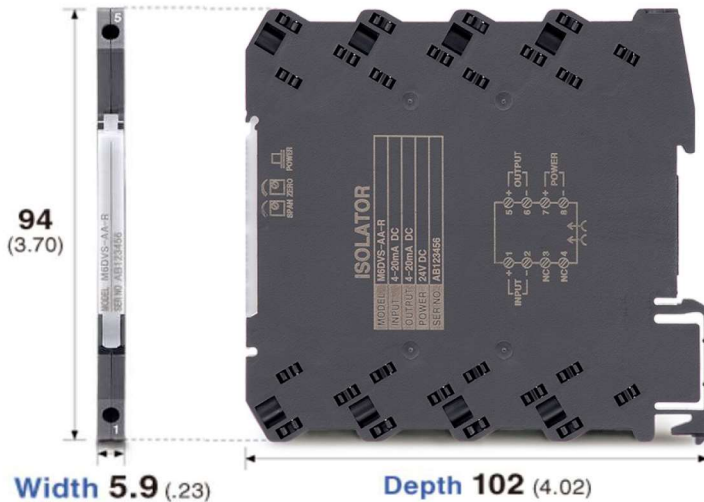


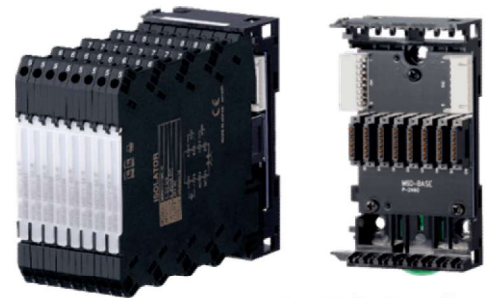
Ultra-Slim Signal Conditioners

M6/MI Series UL-Certified

Contributing to total cost reduction
by saving space, energy, and wiring efforts



* Photos are Euro terminal M6D Series



installation base

Multi-unit installation base and power module available

You can supply power at once if you use the power module and multi-unit installation base, making wiring work more efficiently.

Three series models are available for respective connection terminals.

Ultra-Slim design

Only 5.9 mm (0.23 in) wide ultra-slim design for M6D/MI, M6S/MI Series.

Available for Respective Connection Terminals

- Tension-Clamp
- Screw terminal
- Euro terminal

Thin yet powerful !

The insulation voltage is a generous 2000VAC. The allowable load resistance at the 4 to 20mA DC output is 550Ω, making it thin yet powerful.

Isolation and power supply

Three-port isolation
Dielectric strength: 2000 V AC @ 1 min.
DC power supply: 24 V DC
AC power supply: 100-240 V AC
(UL not available)



Tension-Clamp
M6S/MI Series

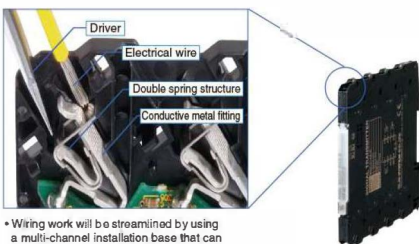
Screw terminal
M6N/MI Series

Euro terminal
M6D/MI Series

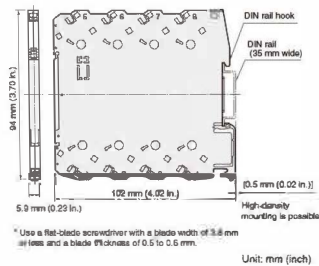
Function & Features

Model	Product name	Model	Product name
YV	ISOLATOR	XT	THERMOCOUPLE TRANSMITTER(PC programmable)
VS	SIGNAL TRANSMITTER	XR	RTD TRANSMITTER(PC programmable)
WVS	SIGNAL TRANSMITTER(two isolated outputs)	PA	FREQUENCY TRANSMITTER
DY	CURRENT LOOP SUPPLY	BS	INSTALLATION BASE
SN	INPUT LOOP POWER ISOLATOR	PS1	POWER SUPPLY MODULE

M6S/MI Series tension-clamp ultra-slim signal conditioners (5.9 mm wide)

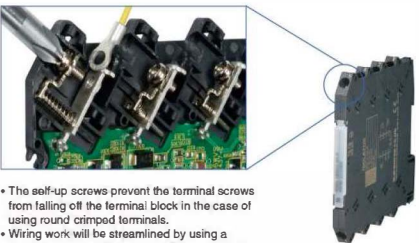


• Wiring work will be streamlined by using a multi-channel installation base that can supply power collectively.

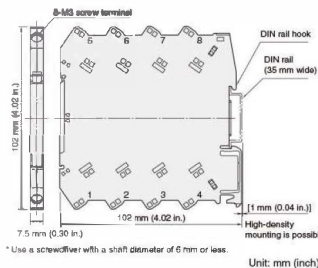


* Use a flat-blade screwdriver with a blade width of 3.8 mm or less and a blade thickness of 0.5 to 0.6 mm.

M6N Series screw terminal ultra-slim signal conditioners (7.5 mm wide)

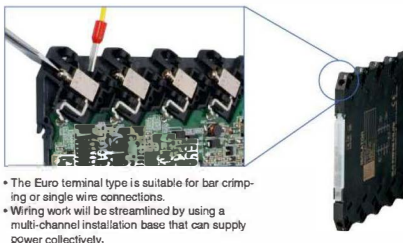


• The self-up screws prevent the terminal screws from falling off the terminal block in the case of using round crimped terminals.
• Wiring work will be streamlined by using a multi-channel installation base that can supply power collectively.

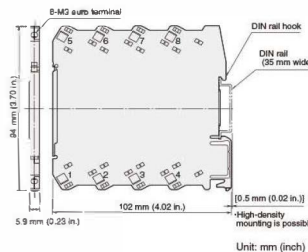


* Use a screwdriver with a shaft diameter of 6 mm or less.

M6D Series euro terminal ultra-slim signal conditioners (5.9 mm wide)

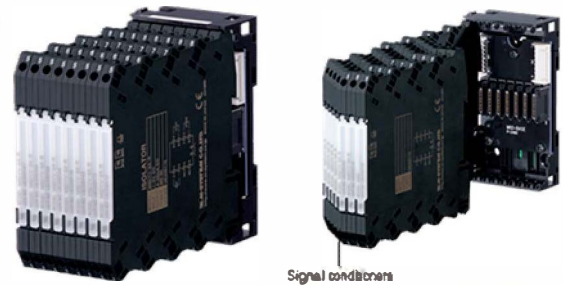


• The Euro terminal type is suitable for bar crimping or single wire connections.
• Wiring work will be streamlined by using a multi-channel installation base that can supply power collectively.

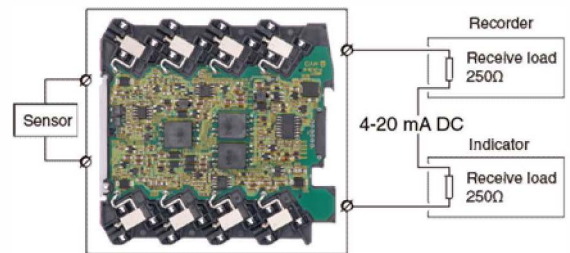


Multi-channel installation base allowing high-density installation of up to 47 modules

• The multi-channel installation base allows the power supply to go to all signal conditioners at once.
• Power is supplied from the power modules, and up to 47 modules (using six multi-channel installation bases) can be connected.



Marginal allowable load resistance of 550Ω



The M6 Series' powerful design allows current output with an allowable load of 550Ω (at 4-20 mA DC). Despite being ultra-slim, the M6 Series can provide an output with ease if two receiving loads (250Ω each) are connected in series.

©MG CO., LTD.

