

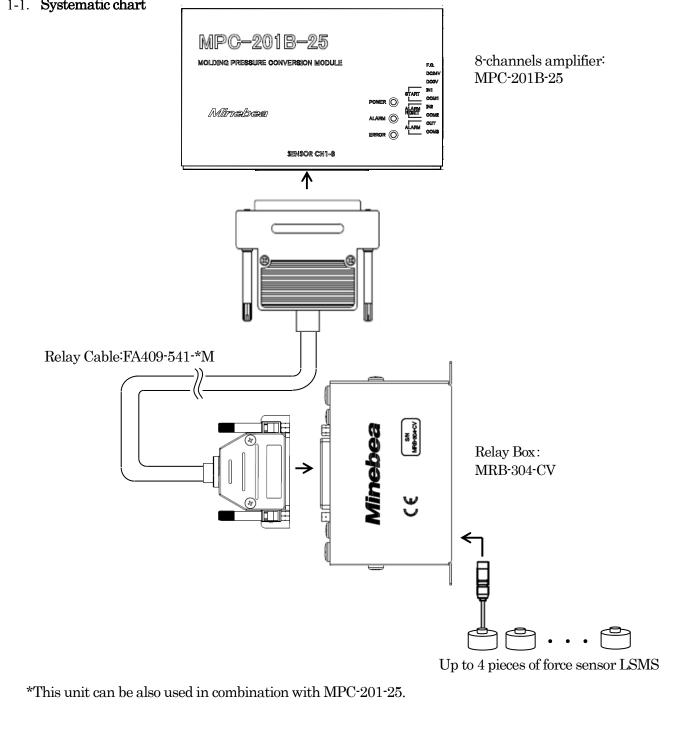
Specifications

Molding Pressure Conversion Module Cover Relay Box

1. General

This unit is used when wiring the force sensor LSMS embedded in the mold up to 4ch to the molding pressure conversion module MPC-201B-25. A dedicated cable FA409-541- * M is required to connect to the MPC-201B-25.

1-1. Systematic chart



MRB-304-CV

Spec. No. EN353304CV-A

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Specifications

MRB-304-CV

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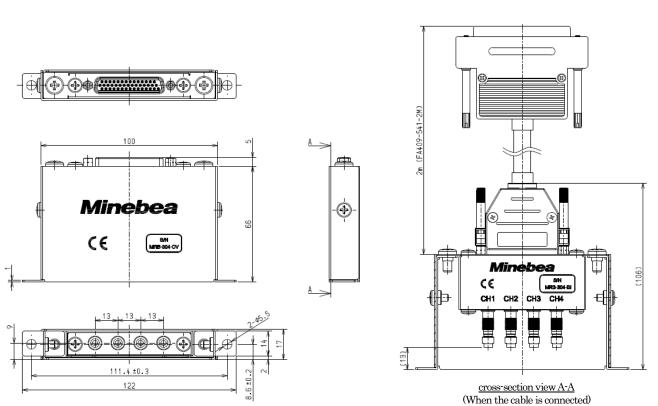
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2. General Specification					
• Operating temperature/hum	idity range				
Temperature	$0~^\circ\mathrm{C}~\sim~100~^\circ\mathrm{C}$				
Humidity	85 %RH or less (Non Condensing)				
 Stored temperature range 	-10 $^{\circ}\mathrm{C}$ \sim 100 $^{\circ}\mathrm{C}$				
Vibration resistance	$10 \sim 55$ Hz double amplitude 1.5 mm 2 hours for each direction of X, Y or Z.				
Outline dimensions	(W)121.6mm x (H)17.2 mm x (D)70.9 mm (Excludes protruding parts.)				
• Weight	Approx. 210 g				
• Material of case	SUS304				
• Applicable transducer	LSMS-S06, LSMS	LSMS-S06, LSMSB series			
	Up to 4 units can be connected				
Applicable amplifier	MPC-201-25, MPC-201B-25				
3. Accessories					
• Instruction manual	1 pad				
4. Relay Cable (Options)					
• Model	FA409-541-2M	(Cable length	2m)		
	FA409-541-5M	(Cable length			
	FA409-541-10M	(Cable length			
• Operating temperature/hum	idity range		- /		
Temperature	$0~\% \sim 100~\%$ (Connector on amplifier side $~0~\% \sim 50~\%$)				
Humidity	85 %RH or less (Non Condensing)				
		0	$0~^\circ\mathrm{C}~\sim~50~^\circ\mathrm{C}$		
Ũ	$0~^\circ\!\mathrm{C}$ $\sim~50~^\circ\!\mathrm{C}$				
• Stored temperature range	(Because operation	n temperature rai	nge of the connector on amplifier		
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5. Outline dimensions



Unit:mm

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6. Conformity standard

This instrument has suited the following standard.

EN 61326-1:2013

[Electrical equipment for measurement, control, and laboratory use - EMC requirements] [Immunity test requirements for equipment intended for use in industrial locations]

RoHS compliant

To meet the above-mentioned standards, the usage conditions of the entire system including this unit are specified as follows:

6-1. Power supply

• Be sure to use "CE mark compliant product" as DC 24 V power supply for the Amplifier MPC-201B-25.

6-2. Cable

- Use the shielded cable other than the power cable.
- Mount the provided ferrite core to USB cable as shown in [5-2-4. USB connection] of the instruction manual of MPC-201B-25.

6-3. Shield processing

- Connect the shield cable of I/O with the protective ground terminal.
- Connect the shield cable of V-OUT with F.G. terminal.
- Ground the shield of the opposite side of the I/O cable and the V-OUT cable. (Both ends grounding)

6-4. Grounding

• Make a single ground for the Amplifier MPC-201B-25 with the protective ground terminal on the rear panel.

* Specifications and outline dimensions and so on which have printed may subject to change for the purpose of improvement without notice.