

## Specifications

Molding Pressure Conversion Module  
Relay Box

MPC-308B

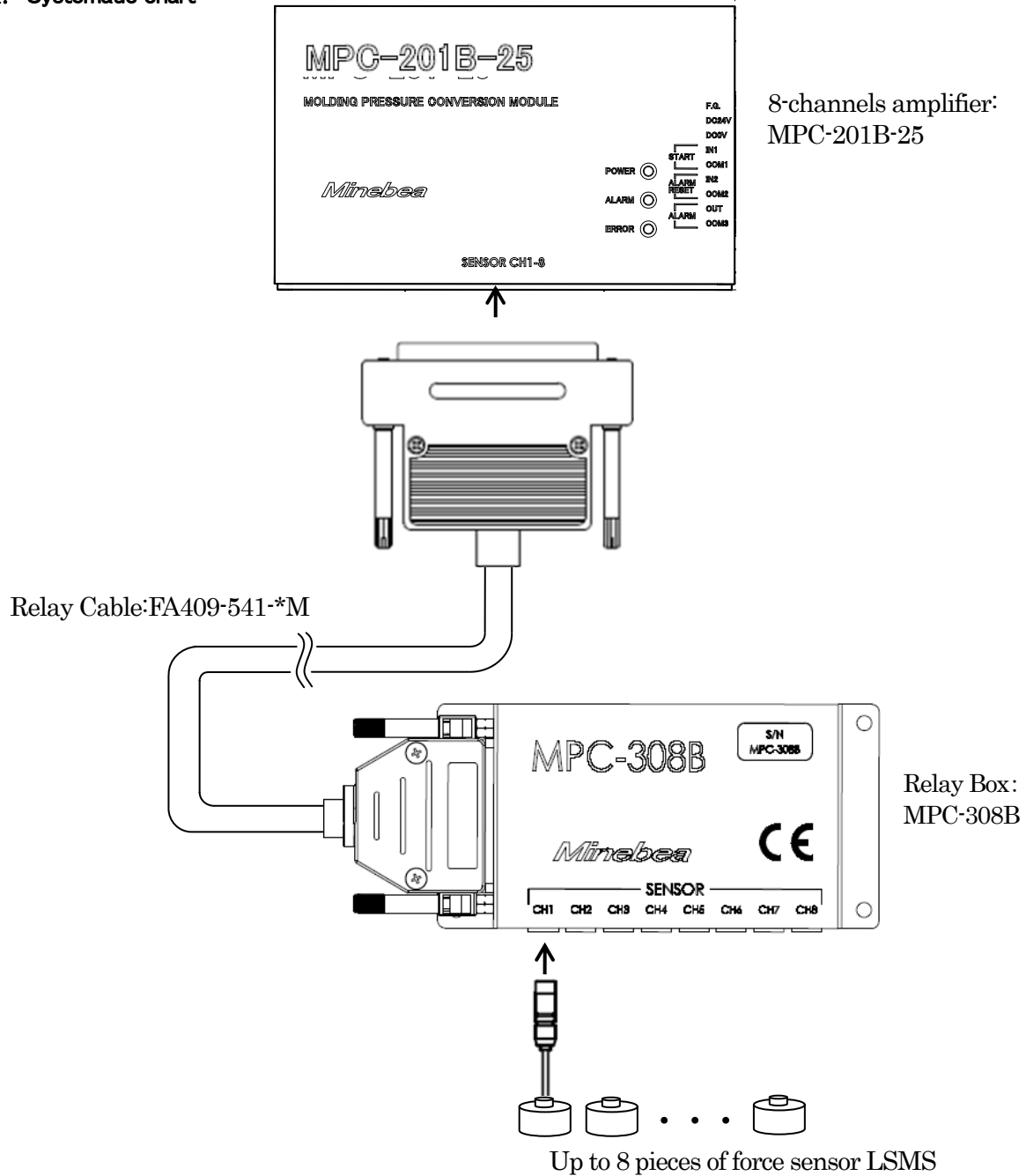
Spec. No. EN353308B

1/3

### 1. General

This unit is used when wiring the force sensor LSMS embedded in the mold 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



\*This unit can be also used in combination with MPC-201-25.

## Specifications

MPC-308B

Spec. No. EN353308B

2/3

### 2. General Specification

- Operating temperature/humidity range
  - Temperature 0 °C ~ 70 °C (When magnet is not used. 0 °C ~ 100 °C)
  - Humidity 85 %RH or less (Non Condensing)
- Stored temperature range -10 °C ~ 70 °C (When magnet is not used. -10 °C ~ 100 °C)
- Vibration resistance 10 ~ 55 Hz double amplitude 1.5 mm  
2 hours for each direction of X, Y or Z.
- Outline dimensions (W)120mm x (H)60 mm x (D)35.4 mm (Excludes protruding parts.)
- Weight Approx. 300 g (Include magnet.)
- Material of case SUS430
- Applicable transducer LSMS-20K-S06, LSMS-50K-S06, LSMS-100K-S06,  
LSMS-200K-S06, LSMS-500K-S06, LSMS-1T-S06, LSMS-3T-S06
- 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 5m)
  - FA409-541-10M (Cable length 10m)
- Operating temperature/humidity range
  - Temperature 0 °C ~ 100 °C (Connector on amplifier side 0 °C ~ 50 °C)
  - Humidity 85 %RH or less (Non Condensing)
- Stored temperature range 0 °C ~ 50 °C  
(Because operation temperature range of the connector on amplifier side is up to 50°C.)
- Cable outer diameter Approx. 8.3mm
- Minimum bending radius 50mm

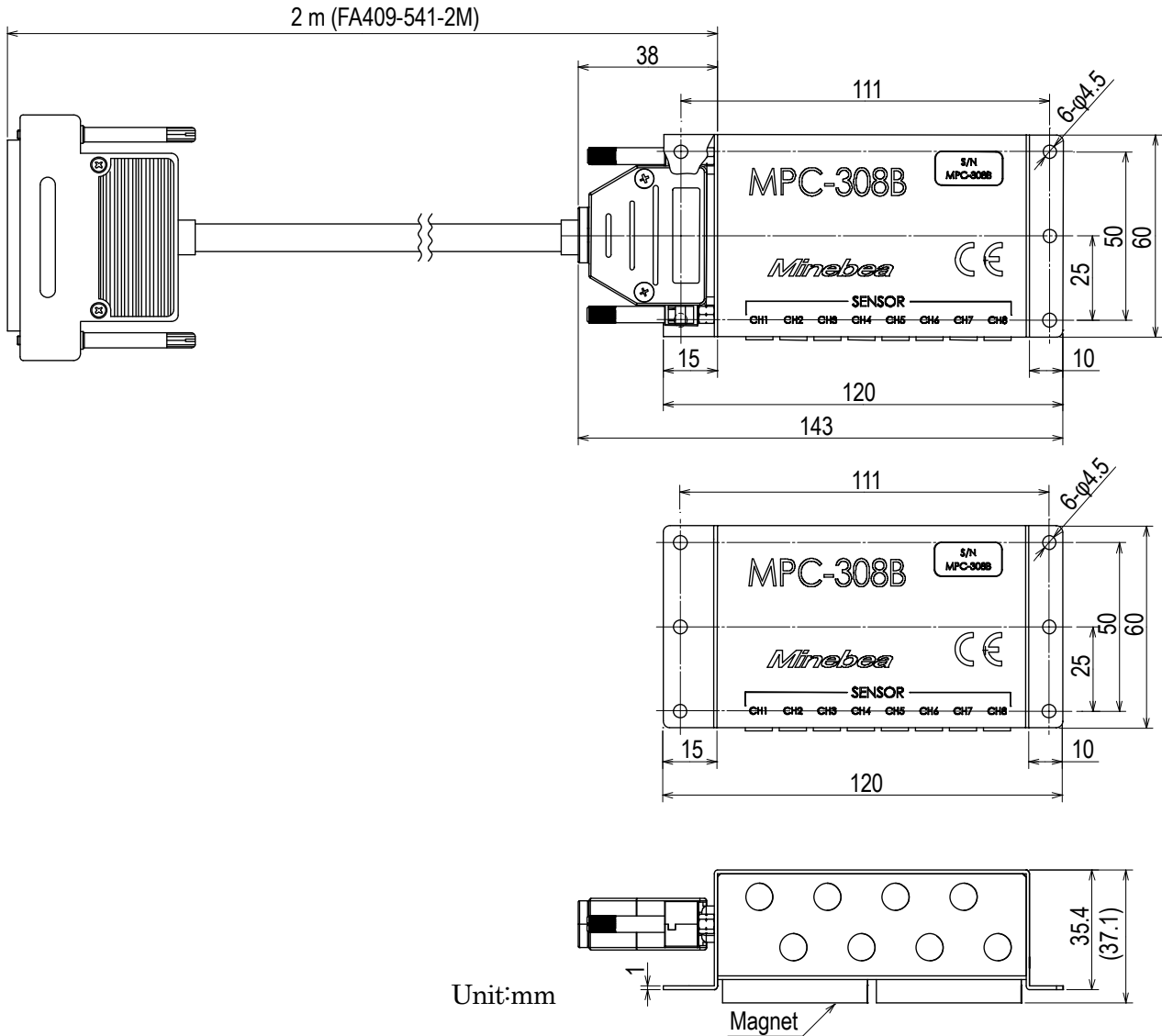
## Specifications

MPC-308B

Spec. No. EN353308B

3/3

### 5. Outline dimensions



\* It is possible to fix with screws by the mounting holes on both sides. In that case, please remove the magnet.

### 6. Conformity standard

- This instrument has suited the following standard.

EN50581: 2012

[Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances] (RoHS Directive)