



MM-2200 • MM-3300 • MM-6600 • MM-7700

Features RoHS directive-compliant product

- When connected with a pressure sensor or immersion-type water level meter, this indicator can display the output value and is capable of comparative output and linear output.
- Waterproof structure in the front part of the panel: IP65
- Built-in sensor power supply
- 5-digit display
- Parameter setting on the front panel (scaling function)
- Attachment of a safety terminal cover
- 2-point relay contact output
- Linear output 1-5 V or 4-20 mA
- Ratio calculation output possible with 2 sensors connected



Model	MM-2200	MM-3300	MM-6600	MM-7700
Input	1-5V input	4-20mA input	1-5V 2 inputs A and B	Select A, B, or ratio.
Output	1-5V output	4-20mA output	Select A, B, or ratio.	Select A, B, or ratio.
Contact	2-point contact	2-point contact	2-point contact (Select A, B, or ratio.)	2-point contact (Select A, B, or ratio.)

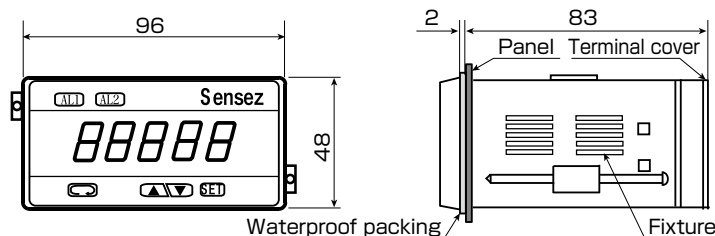
2 inputs of MM-6600 and MM-7700 (sides A and B) Various ratios

Difference = A - B Sum = A + B Average = (A + B) ÷ 2 Absolute ratio (%) = B ÷ A × 100 Error ratio = (B - A) ÷ A × 100

Controller specifications

Display part	5 digits (-19999 to 99999) 7-segment red LED
Decimal point display	0 / 0.0 / 0.00 / 0.000 / 0.0000
Scaling function	Digital arithmetic operations based on parameter settings
Power voltage	AC85V to AC264V 50/60Hz
Current consumption	Approx. 10VA
Operating temperature range	0 to 50°C (no freezing allowed)
Operating humidity range	45 to 85% RH (no dew condensation allowed)
Protection structure	Front panel IP65
External dimension / Weight	96 (W) × 48 (H) × 92 (D) mm DN size / Approx. 300g
Sensor power supply	MM-2200, MM-6600 : DC12V, MM-3300 : DC24V
Input signal	MM-2200 : 1-5V MM-6600 : 1-5V × 2 MM-3300 : 4-20mA MM-7700 : 4-20mA × 2
Input impedance	MM-2200, MM-6600 : 1M Ω MM-3300, MM-7700 : 10 Ω
Input signal resolution	MM-2200, MM-3300 : 1/20000
Comparative output setting range	- 19999 to 99999 The upper and lower limits can be set freely.
Contact output	Relay 2 points (c contact)
Contact capacity	AC250V : 0.5A AC125V : 1A DC30V : 2A
Hysteresis setting	0 to 9999 digit
Linear output	MM-2200 : 1-5V MM-3300 : 4-20mA MM-6600: Select side A, side B (1-5 V) or ratio. MM-7700: Select side A, side B (4-20 mA), or ratio.
Load resistance	MM-2200, MM-6600 : 5k Ω or more MM-3300, MM-7700 : 0 to 500 Ω
Conversion target	Sampling data or displayed value Scaling is possible.
Linear output resolution	MM-2200, MM-3300 : 1/20000 MM-6600, MM-7700 : 12bit ∅ 4/5

Dimensions (Units : mm)



Usage example

