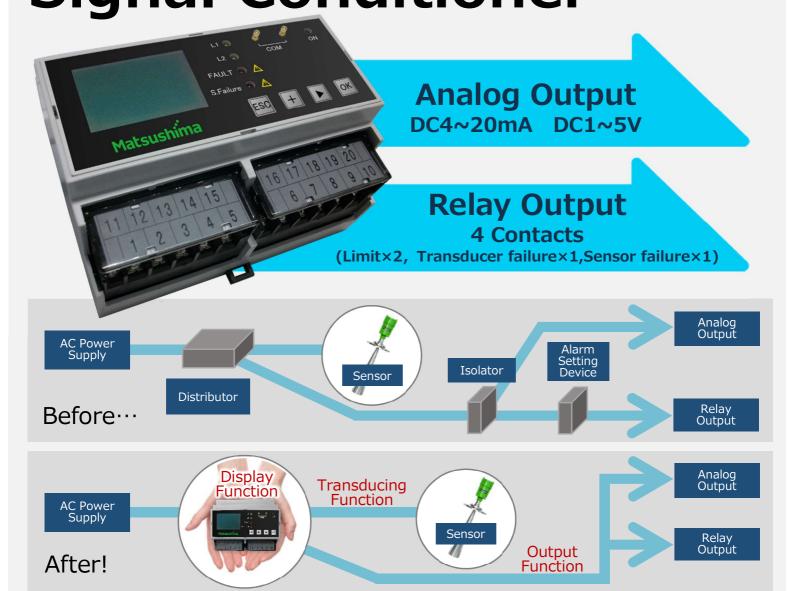
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Matsushima Measure Tech

All in One Device! **Signal Conditioner**



Various Use

- For 2 line transmitting device distributor
- For alarm setting device
- For indicator

Features

- · Level indication can be confirmed at the local control panel with LCD digital display.
- · Contact output are equipped as a standard feature, so there is no need to prepare additional transducer.
- Equipped with fales alarm output as astandard feature. Abnormalities of the sensor can be detected quickly. (When the current signal of the connected equipment can be burned out)
- · Japanese & English display.
- Terminal block can be detached & there is no need for disconnection during equipment replacement.

Can be used for various devices







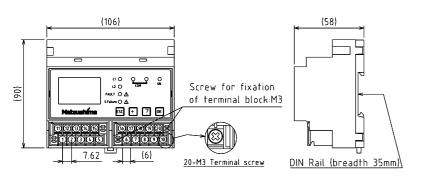


Specification

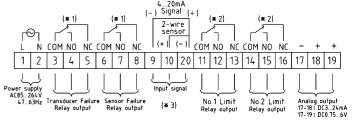
1 Tuna				MSC-01
1. Type				
2. Power Supply				AC85~264V,47~63Hz
3. Power Consumption				Approx.3W
4. Input Signal (※1)				DC4 \sim 20mA (Input resistance:250 Ω)
				Current limited : DC24mA
		Output Voltage (No load)		DC24V(DC20~28V)
5. Power supply for sensor		Load of 20mA		≥DC18V
		Short circuit protection		Max.DC30mA (Protected time duration:No limit)
6. Output Signal		Analog output		DC4 \sim 20mA \times 1 (Load : max.750 Ω)
				DC1 \sim 5V \times 1 (Load : max.500 Ω)
				Resolution: 1uA (0.25mV)
		Relay output		4-SPDT (Limit×2,Transducer failure×1,Sensor failure×1) (%2)
	ignai			Rating: AC250V 5A/DC30V 5A
				Minimum hysteresis of setting: 0.1%
		Display	LCD	Digital display,Scale range : −99999~99999 Unit(Selection setting) : %,mg/m3,m,ft,℃,Pa,kPa,ton,mA etc. (22 Units)
			LED	Power (green) ×1 , Limit (Yellow) ×2 FAULT (Red) ×1 , Sensor failure (red) ×1
7. Installation				DIN rail
8. Connection				M3-Screw terminals (Tigh tening torque : 0.5N⋅m)
9. Operating temperature				-15∼+55℃
10. Operating humidity				30~90%RH (no condensation)
11. Protection				IP20
12. Mass				Approx.300g
13. Insulation resistance				Between the Input, the Output and Power : ≥100MΩ/DC500V
14. Withstand				Input, Output or between Power and Earth : AC1500V 1min.
				Input, Output or between Power and Earth : AC1500V 1min.

- (%1) To connect to "For 2-wire sensor" or "For current output device "terminals, please connect either device.
- (x2) The sensor failure is useful when the connection equipment can burn out a current signal in case of abnormality.

Dimension



Connection Diagram



- * 1) Relay in diagram should show POWER-OFF and when operation.
- \divideontimes 2) Relay in diagram should show POWER-OFF and when non-operation.
- * 3) Case to connect "2-wire sensor": Please wire 10(+)-20(-) of the terminal stands. Case to connect "Devices which outputs a 4-20mA": Please wire 9(-)-20(+) of the terminal stands Wiring to the input terminal will be either one of the "2-wire sensor" and "Devices which outputs a 4-20mA".

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Distributor



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