

Effective for adhesive material

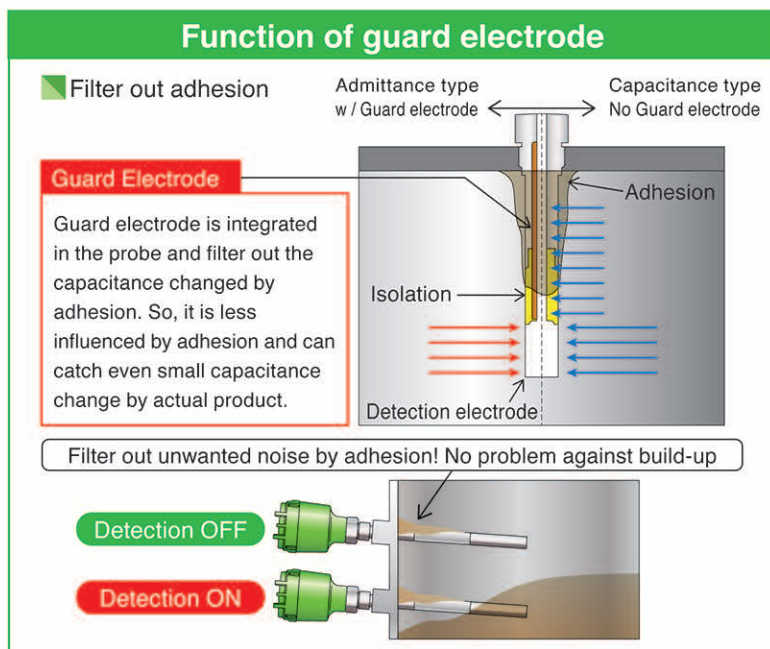
Admittance Level Switch

Upper and Lower limit detection
Widely applicable for solid, liquid, slurry, etc.



Features

- 3 electrodes integrated (Detection, Grounding, Guard)
 - No influence from adhesion
 - Stable detection by detecting electrode
 - Stable sensitivity for small capacitance change
- Wide sensitivity range with the same standard model
- Applicable for high viscous slurry
- Detection LED visible on housing
 - No Detction = **GREEN**
 - Detection = **RED**

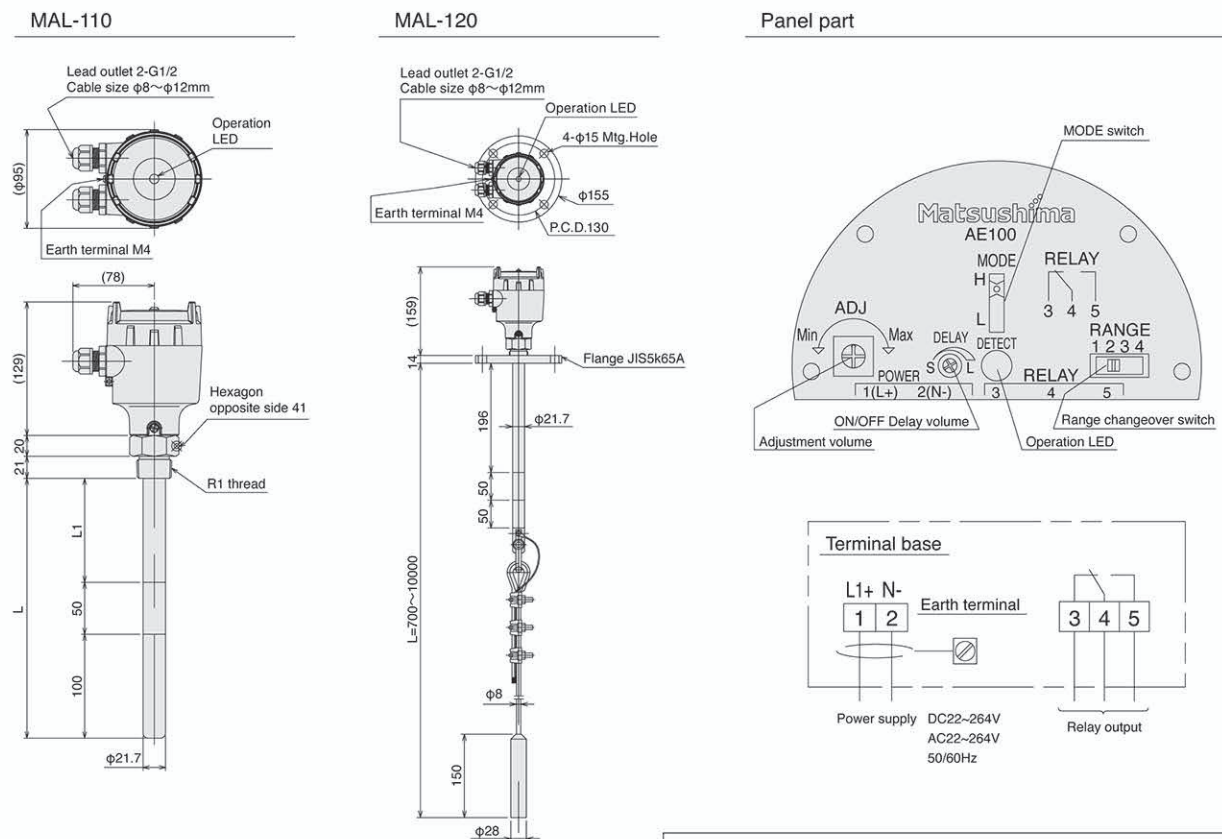


Standard Specification

Type	MAL-110	MAL-120
Product Type	Rod	Wire
Power supply / Power consumption	AC/DC22~264V 50/60Hz / 4.7W (AC), 1.8W (DC)	
Mounting	R1 thread	JIS5k65A Flange
L-Length	Min.250mm~Max.2000mm ※Under R1 thread	Min.700mm~Max.10000mm ※Under flange
Detection range (Sensitivity can be switched by slide switch)	Range1 : 0~10pF Range3 : 0~100pF	Range2 : 0~50pF Range4 : Special material (※1)
Signal output	SPDTx1 / Contact capacity:AC250V/DC30V 5A	
Material	Housing : ADC12 Ground electrode : SUS304 Detection electrode : SUS304	Boss : SUS304 Insulator : PTFE Wire rope : SUS304 (MAL-120)
Operation LED	LED (Undetected:Green , Detected:Red)	
Lateral load	Max.500N	—
Teansverse load	—	Max.4500N
Permissible pressure	Max.1.5MPa	Max.0.5MPa
Permissible ambient temperature	-40°C ~ +150°C (No freezing)	
Protection	IP67 (Cover, cable entrance tightened condition)	
Coating color	Munsell 7.5GY6/10	
Quantity	Approx.2.0kg (L=250mm)	Approx.4.6kg (L=700mm)

(※1) Use RANGE 4 if the measured material has a lot of moisture, high conductivity or cannot adjust by RANGE 1~3.

Dimension (mm)



Specifications are subject to change without notice.
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Caution

- Read the instructions to ensure correct and suitable application of products.
- Contact our nearest sales office when using our products for any systems used in situations which may be life threatening.

Distributor



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