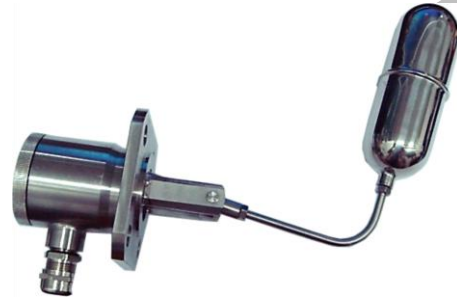


## MLS Model

# Magnetic Level Sensor

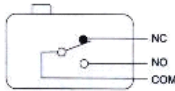


**MLS01**

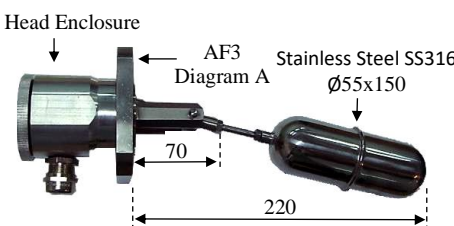
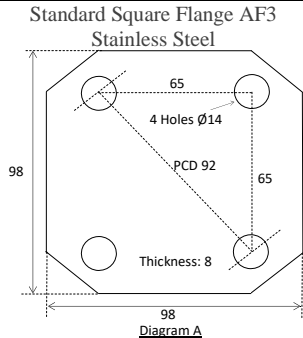


**MLS02**

**SPDT 16A 250VAC**  
**Max Working : 10bar / 180 °C**

Feature	Specification	
<ul style="list-style-type: none"> <li>• Horizontal, Side Flange Mounting</li> <li>• Various flange size available</li> <li>• Float Ball Max Dia : 55 x 150mm (L)</li> <li>• Enclosure: Aluminum / Stainless Steel</li> <li>• Switching : SPDT</li> </ul>  <p>Electrical Switching</p>	Rated Current	16A
	Rated Voltage	250VAC / 30VDC
	Operating Frequency	Mechanical: 300 operations/min Electrical : 10 to 30 operations/min
	Insulation resistance	≥ 100MΩ (500VDC)
	Contact resistance	100 mΩ max.
	Dielectric strength	1,000VAC , 50/60 Hz for 1 min between non-continuous terminals 1,500 VAC, 50/60 Hz for 1 min between each terminal and ground
	Vibration resistance	Malfunction: 10 to 55Hz, 1.5-mm double amplitude
	Shock resistance	Destruction: 400 m/s <sup>2</sup> Malfunction 100 m/s <sup>2</sup>
	Life expectancy	Mechanical : 5,000,000 cycles (operating force > 200 g) Electrical : 6000 or 50,000 operations min
	Ambient temperature	Operating -25°C to 80°C (with no icing)
	Ambient Humidity	Operating : 85% max
	Switch approval	ENEC/CQC : 16(4) A, 250 Vac ( 50000 cycles) UL/cUL: 16A 1/2HP, 125 Vac/250 Vac (6000 cycles)

### STANDARD MLS MODEL

Standard Type Order Code	Head Enclosure Material	Head Enclosure	Standard Square Flange AF3 Stainless Steel
MLS01-AL	Aluminium		
MLS01-SS	Stainless Steel		

\*\*For other customize size go to order code for choice