

# Level Sensor MC

for sensing water levels



Conductor color	In the air	Submerged	Contact
Red-Black	off (open)	on (closed)	"a" (normally-open)
Red-White	on (closed)	off (open)	"b" (normally-close)

Conductor color	In the air	Submerged	Contact
Red-Black			
Red-White			

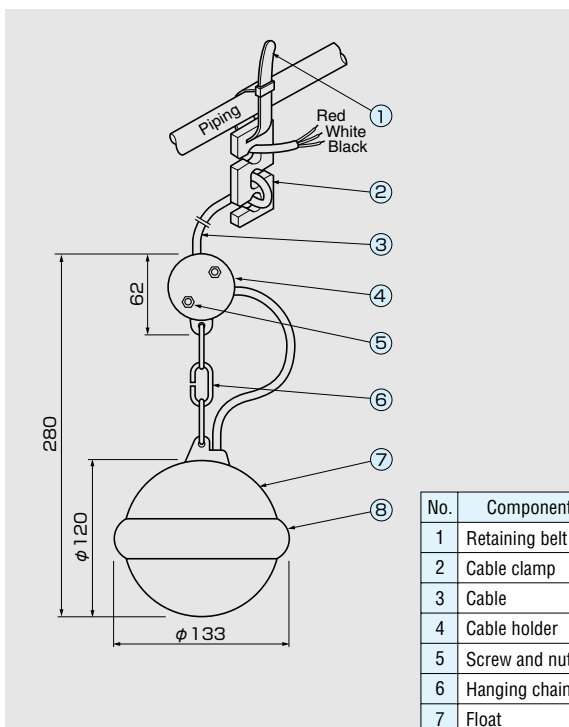
## Features

- Simple structure made of a ball float with a shock absorber wrapped around it
- Rugged construction withstanding impact from collision with the tank walls or piping
- Assures trouble-free operations in the water containing any types of suspended solids including scum-filled wastewater
- Switching on and off can be made at steadier angle than mercury type float switches
- Contacts switchable, "a" (normally-open) or "b" (normally-close), at will

## Applications

- Automatic pumping of the wastewater containing lots of scum and suspended solids
- For sensing alert water levels like high water level or lower water level

## Dimensions and Structure (mm)



No.	Components	Material
1	Retaining belt	Nylon
2	Cable clamp	ABS Resin
3	Cable	PVC
4	Cable holder	ABS Resin
5	Screw and nut	304 Stainless Steel
6	Hanging chain	316 Stainless Steel
7	Float	ABS Resin
8	Shock absorber	ABS Resin

## Standard Specifications

		Model	MC-2
Electric characteristics	Breaking capacity		50VA AC
	Max. current		2A AC
	Working voltage		30V AC
Switch	Contact		c*
	Type		Microswitch
Mechanical characteristics	Proof pressure (static)		98kPa (1.0 kgf/cm <sup>2</sup> )
	Working temperature range		0 to 50°C
Cable	Cores × area		3 × 0.75mm <sup>2</sup>
	Outside diameter		7.6mm
	Standard length		6, 10, 15, 20, 25, 30m
Weight			1,087g (Float only)

※ Usable either at contact "a" (normally-open) or contact "b" (normally-close).