

## Level Sensor For Solids - Rotating-Paddle R7

### Introduction

The model R7 series Bin Level switch has been developed for use with plastic moulding or injection machines and extruders. It can also be built into equipment such as grain processing machines.

It is small, lightweight and economic, and gives outstanding, reliable service.

There are two versions of the R7 level switch. One version, the R7-X series, is for indoor use while the other, the R7-Z series is designed for outdoor use.

### Applications

- Plastic Colouring Systems
- Plastic Moulding Machines
- Plastic Injector machines
- Ice Cube Making Systems
- Grain Hoppers

### Features

- Easy Torque Adjustment
- Reliable Design
- Easy Maintenance and repair



### Specifications

<b>Power supply:</b>	240V AC 50Hz
<b>Power</b>	
<b>Consumption:</b>	1.5 VA
<b>Motor Rotation:</b>	1 rpm
<b>Relay Contact:</b>	1 SPDT, 250V 3A AC 30V 3A DC (Resistive load)
<b>Temperature:</b>	-10 to 50 °C
<b>Humidity:</b>	5 to 85% Rh
<b>Material:</b>	
Mounting	Brass (galvanised)
Spindle	304 Stainless steel
Paddle	Polycarbonate 304 Stainless steel (Optional)
Shaft seal	PTFE washer, NBR oil seal and Molybdenum grease

#### R7-X - Indoor

<b>Housing material</b>	ADC12 and polycarbonate
<b>Detection Torque</b>	560 g/cm (standard)
<b>Torque Range</b>	390 to 630 g/cm

#### R7-Z - Outdoor

<b>Housing material</b>	ADC12 and ABS
<b>Detection Torque</b>	390 g/cm (standard)
<b>Torque Range</b>	270 to 500 g/cm

## Models Available

Code	Description
ILS-R7X	R7X Paddle Switch (230V)
ILS-R7Z	R7Z Paddle Switch (230V)

Other supply voltages available from Japan to order.

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Section 4



Temperature  
Pressure