

MODEL R7 ROTATING PADDLE SENSOR



Features

- Miniature size
- Simple torque adjustment
- Reliable design
- Easy maintenance and repair
- Low cost

Conformity

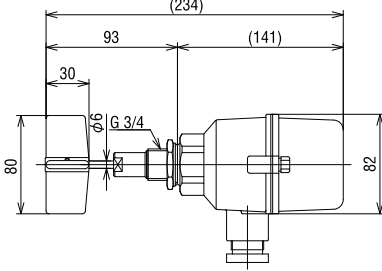
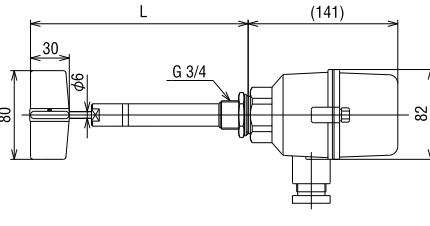
CE marking for R7-Z standard type
EMC (CENELEC EN50081-2 1995, EN50082-2 1995) for R7-X standard type

General Description

The R7 series of miniature rotating paddle sensors are designed for use with plastic molding or injection machines and extruders. It can also be designed into equipment such as grain processing machines and granulating equipment. These products are the most compact units of their type and are designed to provide reliable services.

There are two standard versions of the R7, the R7-X series for indoor use, and the R7-Z for outdoor use. The R7-XL/ZL is a custom made long shaft version up to 1000mm. The R7-XT is designed to resist temperatures up to 120°C.

Specifications

Model	R7-Z	R7-ZL
Description	CE marked	Extension
Drawing		
Mounting	G3/4	
Supply Power	24, 100, 110, 120, 200, 220, 240V AC 50/60Hz	
Power Consumption	Approx. 1.5VA Max.	
Contact Rating	1 SPDT, 250V 3A AC/30V 4A DC (Resistive) C-NO: Normally Open contact C-NC: Normally Closed contact	
Operating Temperature	Housing	-10°C to 45°C
	Detection part	-10°C to 70°C
Maximum Pressure in Container	30kPa / 0.3bar	
Maximum Humidity	85% RH	
Material	Housing	ADC12 and ABS
	Mounting part	Brass (galvanized)
	Spindle	304 SS
	Paddle	PC or 304SS
Electrical Connection	JIS F 15c (G1/2)	
Housing Protection	IP65	
Motor Rotation	1rpm (50Hz) or 1.2rpm (60Hz)	
Life Expectancy	1 × 10 ⁵ Operations (Micro switch)	

