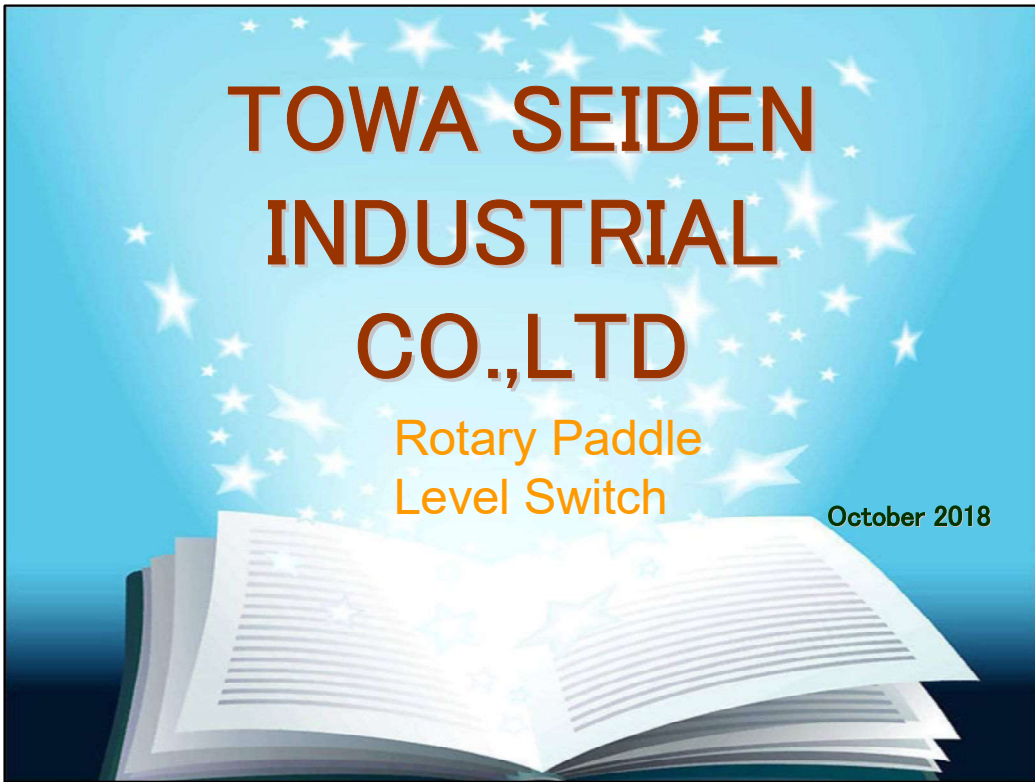


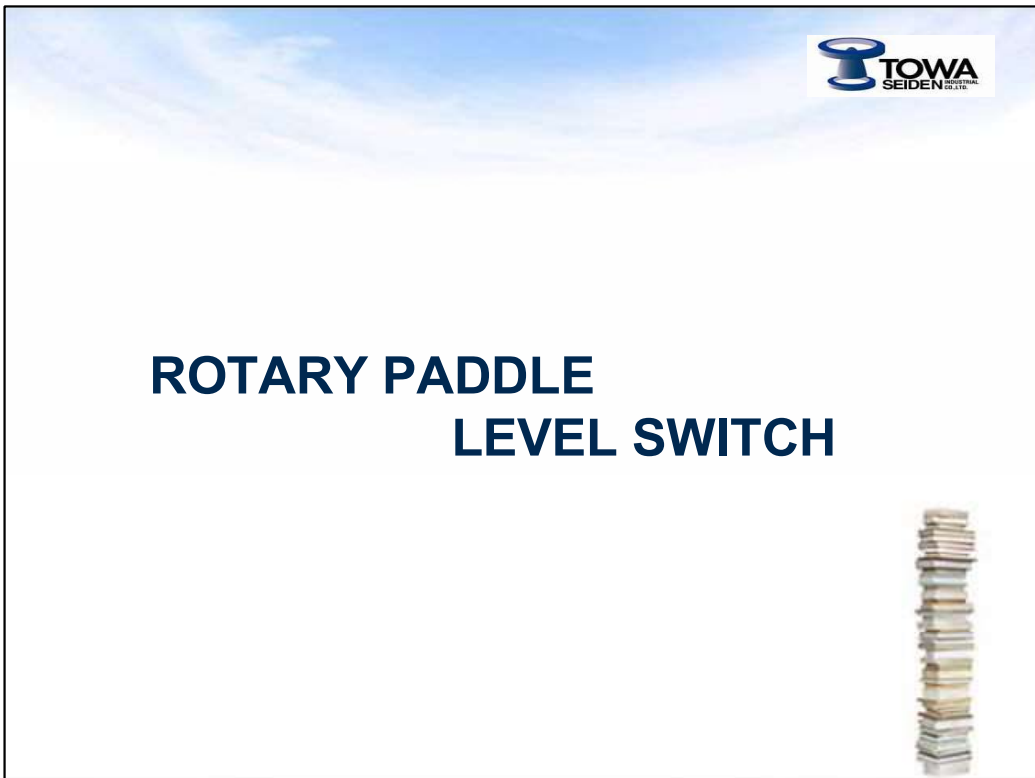
TOWA SEIDEN INDUSTRIAL CO.,LTD

Rotary Paddle
Level Switch

October 2018



ROTARY PADDLE LEVEL SWITCH



ROTARY PADDLE LEVEL SWITCH

- Standard
- Simple and Easy
- No.1 share in solid industry!
- Low cost



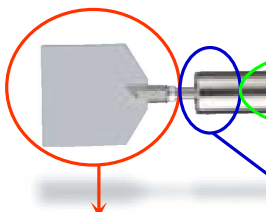
Price:USD290~2900 / 1pc

Construction

- integral unit conncted with shaft
- Seal for preventing invasion of powder
- attach paddle to tip of shaft



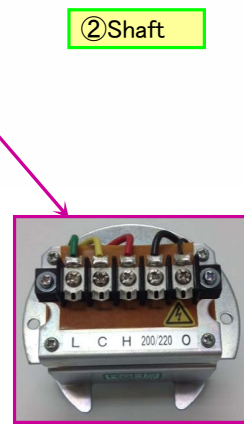
② Shaft



④ Paddle



③ Seal parts



① Integral unit

Operation principle

When rotating paddle covered by material, micro switch operates and detects. Turn off the power supply motor and output detection signal.



ROTARY PADDLE LEVEL SWITCH



Shaft adjustable
PRL-100EB/ED



Explosion proof PRL-G7-25



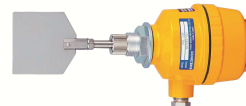
High temp PRL-200



Standard PRL-100



Heavy duty PRL-500



Screw in PRL-170
- can attach with
special flange size



ROTARY PADDLE LEVEL SWITCH



SUS304 HL-400S



High temp HL-400HG



Separation HL-400N



Standard HL-400



Difference of PRL series and HL-400 series

PRL series

(Rotary Paddle Level Switch)

- outdoor/indoor
- For large tank
- abounding line-up
- Special specification

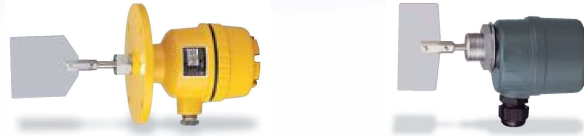
HL-400シリーズ

(Compact Rotary Paddle Level Switch)

- indoor
- For small tank
- Standard
- Special specification
- Low cost



PRL series v.s HL-400 series




MODEL	PRL-100	HL-400
POWER SUPPLY	AC100/110V or AC200/220V	
CONTACT OUTPUT	AC250V5A	
CONNECTION	JIS 5K65A(aluminum)	G3/4"
LENGTH	150mm	85mm
PADDLE SIZE	W-1(80 × 80mm, SUS304)	W-35 × 80mm, SUS304
DETECTION TORQUE	Approx.10.0N·cm	Approx.4.9N·cm
SLIP TORQUE	Approx.30.0N·cm	Approx.14.7N·cm
POWER CONSUMPTION	2.5W	1.5W
TEMPERATURE INSIDE TANK	Max.70°C	Max.60°C
PRESSURE INSEIDE TANK	0~196kPa	0~30kPa
SIZE	φ 102 × H150mm	φ 72 × H83mm
MATERIAL	Die cast aluminum	Die cast zinc
SHAFT/PADDLE MATERIAL	SUS304	
WEIGHT	3.0Kg	2.0Kg
PRICE	¥50,000	¥33,000

< Market of ROTARY PADDLE LEVEL SWITCH >

- NISSAN ▪ TOYOTA ▪ HONDA
- KOBELCO ▪ JFE Steel



Specify Conformation Sheet	
DATE	2018 / /
MANUFACTURER	TOWA SEIDEN INDUSTRIAL CO.LTD 
Measuring object	<input type="checkbox"/> Liquid <input type="checkbox"/> Powder <input type="checkbox"/> Slurry Liquid
Name of object	
Specific gravity (ratio)	
Purpose	<input type="checkbox"/> ON-OFF Control <input type="checkbox"/> Monitoring
Use location	<input type="checkbox"/> Above tank <input type="checkbox"/> Inside tank <input type="checkbox"/> Medium tank
Mounting direction	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Obliquely
Details purpose	
Budget	<input type="checkbox"/> → ¥ 5,000 <input type="checkbox"/> → ¥ 10,000 <input type="checkbox"/> → ¥ 20,000 <input type="checkbox"/> → ¥ 50,000 <input type="checkbox"/> → ¥ 100,000 <input type="checkbox"/> → ¥ 200,000 <input type="checkbox"/> → ¥ 500,000 <input type="checkbox"/> 1,000,000 →
MAX Temperature	
Height of tank	
Material of Tank	
Corrosivity	<input type="checkbox"/> None <input type="checkbox"/> Yes
Location	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor
Environment	<input type="checkbox"/> Resistant - proof <input type="checkbox"/> Explosion - proof
Storage - level	<input type="checkbox"/> None <input type="checkbox"/> Yes
Type	<input checked="" type="checkbox"/> Rotary Paddle type
Mounting size	<input type="checkbox"/> Standard (L&S&M&A) <input type="checkbox"/> Other
Measurement length	
Remarks	
Please mention On position, Discharge position or other information	
