The Series PWS rotating paddle wheel level sensor is ideal for grain processing machines, plastic molding or injection machines. The PWS is compact and designed to provide reliable service. The paddle wheel sensor offers four different torque settings for just the right sensitivity.

**Features**

- Miniature size
- Simple torque adjustment
- Reliable design
- Low cost
PWS Specifications

**Performance**
- 1 SPDT switch
- 4 torque settings

**Physical**
- Housing: ADC12 and Polycarbonate or ABS
- Mounting Section: Galvanized Brass
- Rotating Spindle: 304 SS
- Paddle: Polycarbonate or 304 SS

**Electrical**
- Output Contact Rating: 240 V 3 A AC; 30 V 3 A DC (resistive)

**Environmental**
- Ratings: IP65, IP40
- Operating Temp:
  - 14° - 128°F (-30° - 53°C)
  - 14° - 248°F (-10° - 120°C)
# Model Configuration Options

Model Number: PWS - _____ - _____ - _____ - _____ - _____

A. Configuration

- **X**: Indoor use (IP40) with cable (300 mm)
- **Z**: Outdoor use (IP65) with terminal

B. Operation

- **Null**: No options
- **L**: Extended shaft from 260 mm to 1000 mm
- **T**: High temperature up to 120ºC (PWS-XT-only)

C. Supply Power

- **A1**: 110 VAC
- **A2**: 220 VAC
- **A3**: 24 VAC
- **A4**: 120 VAC
- **A5**: 240 VAC
- **A6**: 200 VAC

D. Paddle Selection

- **4**: Four vane  | PC  | 80 x 30 mm  | More than 0.3 g/cm³
- **2**: Two vane  | 304 SS | 80 x 35 mm  | More than 0.3 g/cm³
- **1**: Single vane  | 304 SS | 60 x 30 mm  | More than 2.0 g/cm³
- **1S**: Special two vane  | 304 SS | 150 x 60 mm  | From 0.02 - 0.2 g/cm³

E. Length

- **L**: Shaft length