

WP58484

IP65 sealed slip ring for harsh environments

Description

A slip ring is used in electromechanical systems to allow full, unimpeded rotation of electrical power and signal circuits. The WP58484 provides both power and signal contacts in a stainless steel housing that is sealed to prevent fluid and dust intrusion to IP65 level. This slip ring is ideally suited for transfer of power and signal down the tower in small wind turbine applications.

Features

- 2 signal and 3 power at 18 amps, 600 VAC
- Ball bearings for extended life
- Stainless steel housing
- Convenient mounting flange on stator housing
- Drive pin on rotor to alleviate stress on lead wires
- Gold-on-gold contacts
- Signal lines fully compatible with customary signal and protocol communications
- Compact size

Benefits

- IP65 sealing
- Compact
- Rugged
- Other options available on request



Typical Applications

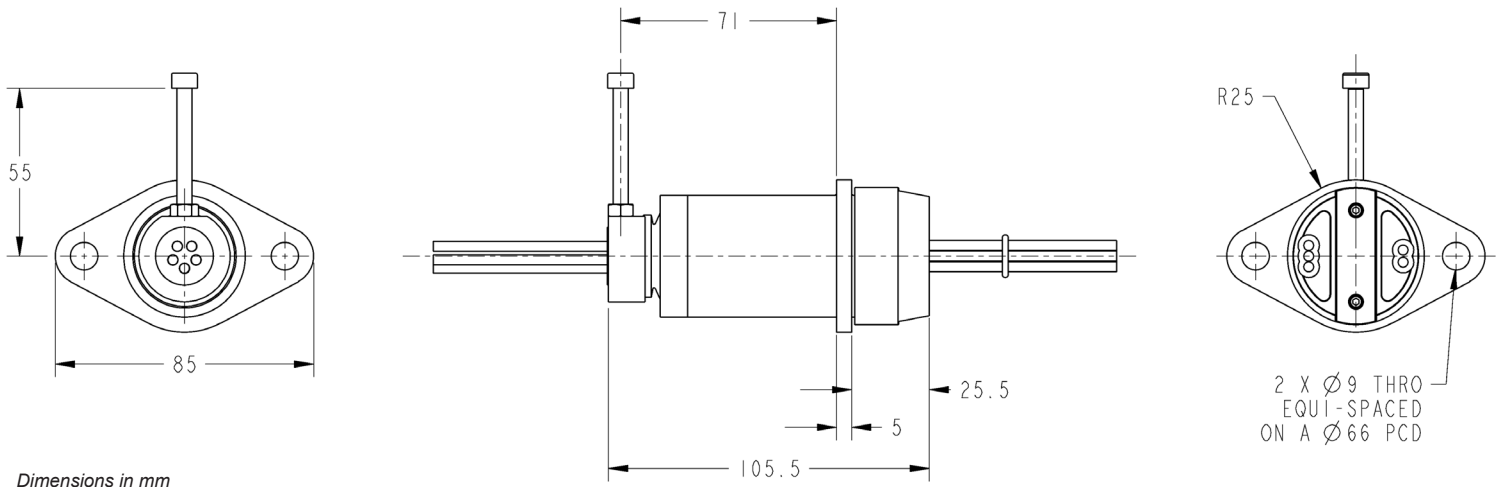
- Small wind turbines
- Packaging systems
- Filling systems, powder and fluid
- Manufacturing and process control

Wind Turbine Slip Ring

WP58484 Specifications

Number of Circuits	2 rings at 2 amps and 3 rings at 18 amps
Contact Type	Multiple gold brushes on gold rings
Cable Length	Rotor - 140 mm (all circuits) Stator - 580 mm (all circuits)
Voltage	Rated voltage
Operating Temperature	-30°C to +60°C
Current Rating	2 amp signal; 18 amp power
RPM Max	100
Dielectric Strength	1000 VAC < 1 mA
Insulation Resistance	200 Mohms
Environmental	IP 65

WP58484 Dimensions



Dimensions in mm

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