JINPAT
Since 1996

# ◎ SPT020-058


Pictures are for reference only

## Typical Applications

- Suitable for automated packaging
- Packaging Machine
- Sealing rollers

## Features

◎ Economically designed for long term application

◎ Designed for horizontal and vertical mounting

◎ Width of 58mm

◎ Hollow shaft: Diameter on request: max. Ø 25,4 (Standard fit: F7)

◎ Transmission of signals (PT100) and power

◎ The upper shell with integrated brush blocks is replaceable

◎ Long service life

◎ Designed for packaging machines

◎ Designed for food industry

◎ Easy-to-clean exterior: Smooth surface and rounded corners and edges

◎ Easy-to-clean inside: The slip ring can be easily opened and enables thorough maintenance of the contact

## Option

◎ Shaft material: Aluminum natural; upon request: anodized aluminium, stainless steel

◎ Connection stator: Standard: Spring clamp terminal. Screw terminals, flat connectors optional

Upon request: plug connection or cables/strands

◎ Shaft diameter: On request: max. Ø 20 (Standard fit: F7)

## Data

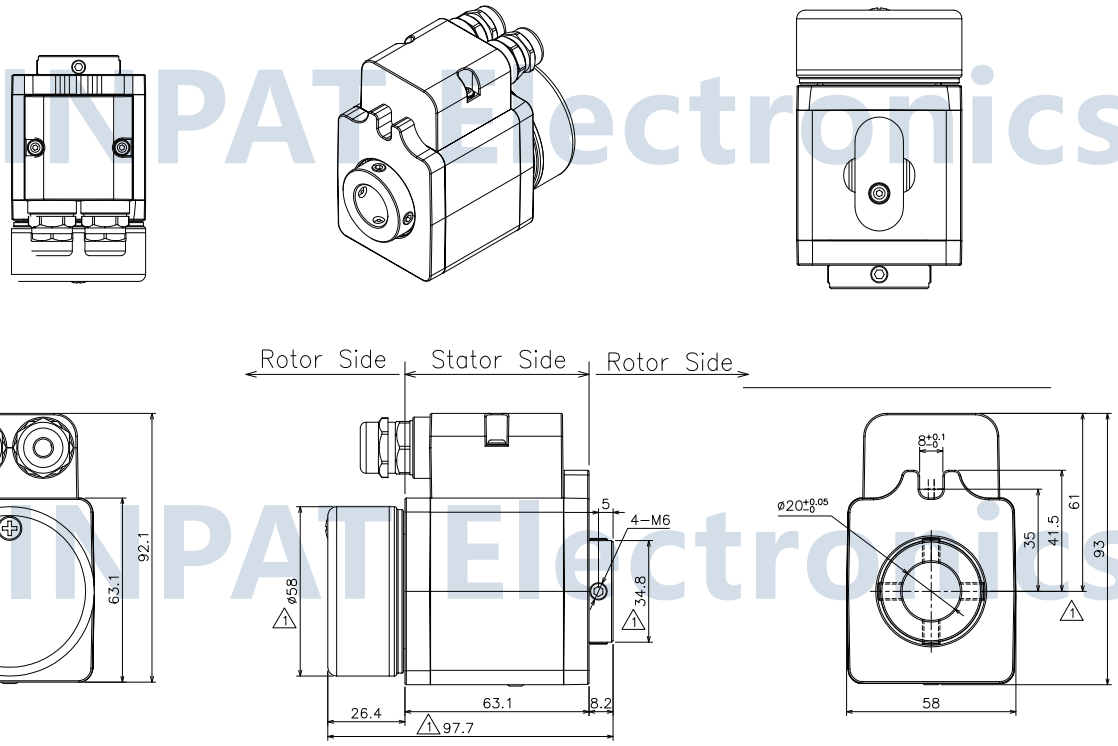
| | |
|---|---|
| **Number of rings:** | Up to 5 (universal, for power or signal,fewer rings available on request) |
| **Current per ring:** | Max. 20A (three rings)+2*Signal |
| **Voltage:** | 48/240 VAC/DC |
| **Inner diameter (ID):** | Max. Ø 20 (standard fit: F7) |
| **Service life::** | 200 million revolutions |
| **Replaceable brushes:** | Replacement Available.Easy to install |
| **Rotation speed:** | Max. 500 rpm |
| **Protection class:** | IP64 |
| **Temperature:** | 0 °C~ +75 °C |
| **Connection rotor:** | Screw terminals M5 |
| **Shock:** | Max. 5g in each direction |
| **Housing material:** | Engineering plastics |

*The operational life of the slip ring is dependent upon power rating, speed, temperature, vibration and environment

JINPAT Electronics CO. LTD
No.496 Huarong Road, Dalang St.,
Longhua District, Shenzhen, 518109, China.
Tel: +86-755-8204 2235
Email: sales@slipring.cn
www.slipring.cn

## Design Example

| Number of rings | 4 | 6 | 8 | 10 |
|---|---|---|---|---|
| L* (mm) | 76 | 94 | 112 | 130 |






Notes:

This outline drawing is only used for communication and cannot be used for physical production according to this drawing

## Additional Feature

The transmission paths can be used universally for power or signals.

The PIN assignment by itself ensures that paths for signal transmission are always at the top,especially in the vertical installation position, and cannot be impaired by the abrasion of transmission paths above them.

As additional protection, labyrinths are located between all transmission paths to prevent abrasion from falling onto lower rings.

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