

◎ 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)
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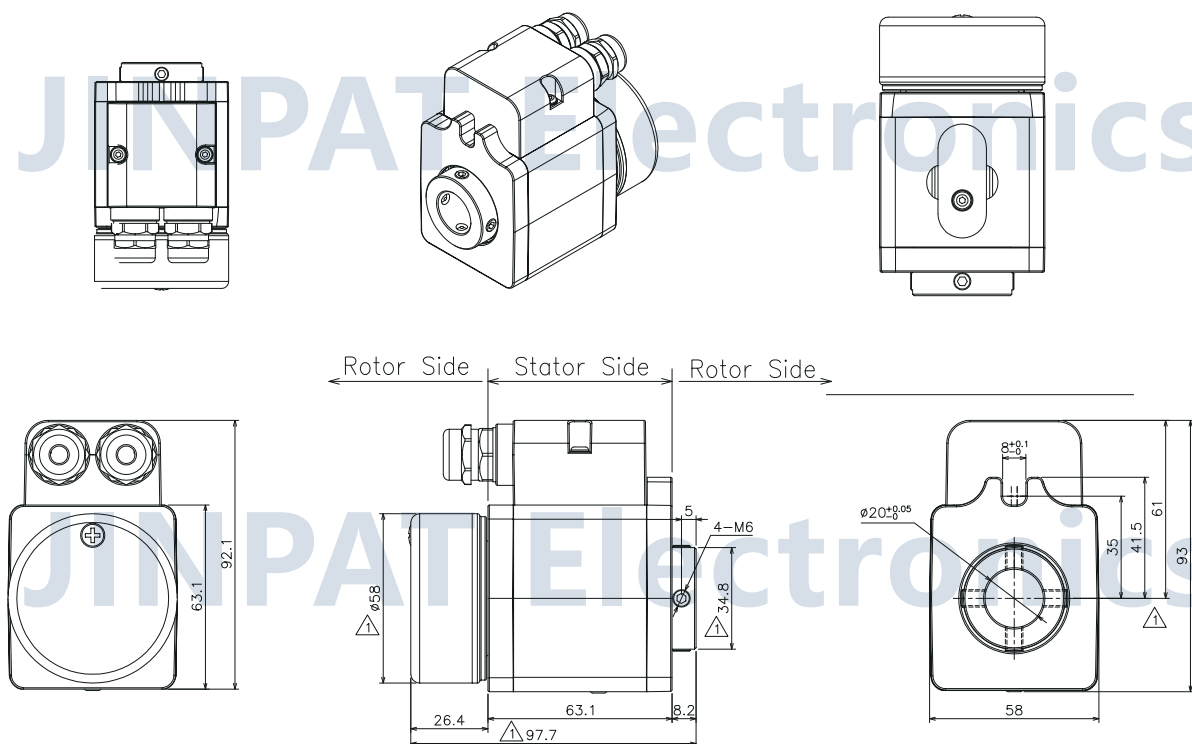
Data

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

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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