![A2V MECATRONIQUE]

CTW0032

CTW0032 series is inserting large current slip ring without mercury. Except conventional advantages, it has advantages of convenient connection and stronger current-carrying capability. It can replace the conventional mercury slip ring. This series slip ring is especially designed for industrial manufacturing industry, which can fully meet national and EU environmental standards, in line with international environment requirements.
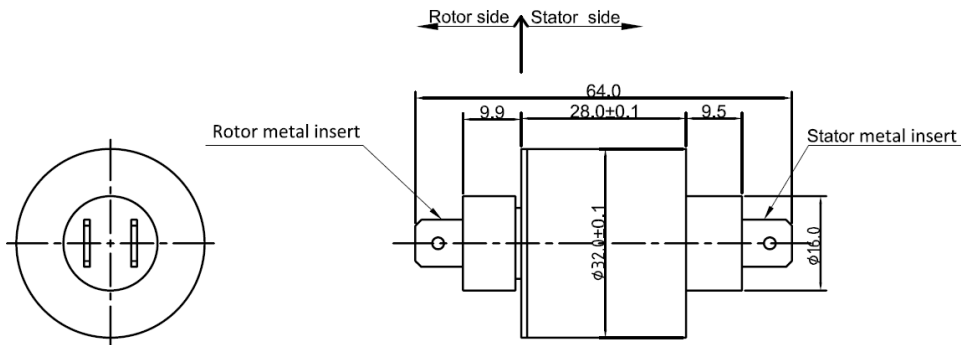
The conducting ring adopts precious metal with plating processing; the electrical brush adopts precious alloy wire; the connector adopts standard flat connector which is convenient for connection.

Technical Data

Modele	Lenght	Circuits	
	mm	8A	30A
CTW0032-02P/00S	47,4	0	2
CTW0032-03P/00S	47,4	0	3
CTW0032-02P/02S	47,4	2	2

DRAWING

CTW0032-02P/00S

Dimensions in mm

CTW0032-03P/00S
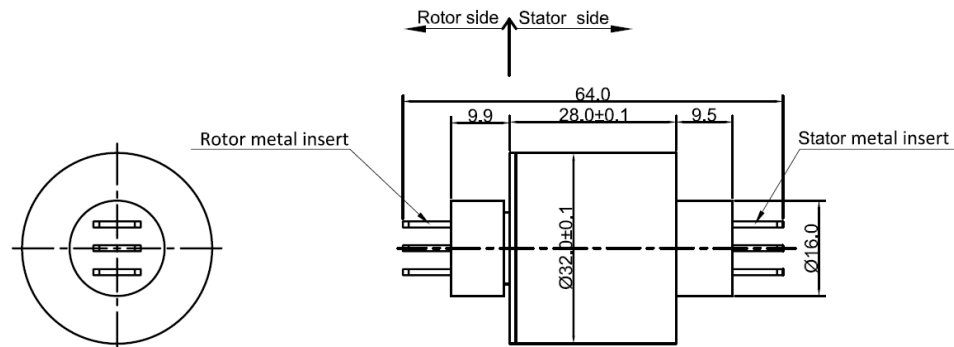
Dimensions in mm

DRAWING

CTW0032-02P/02S

Rotor side | Stator side

Rotor metal insert
Stator metal insert

64.0
9.9
28.0±0.1
9.5
32.0±0.1
Ø16.0
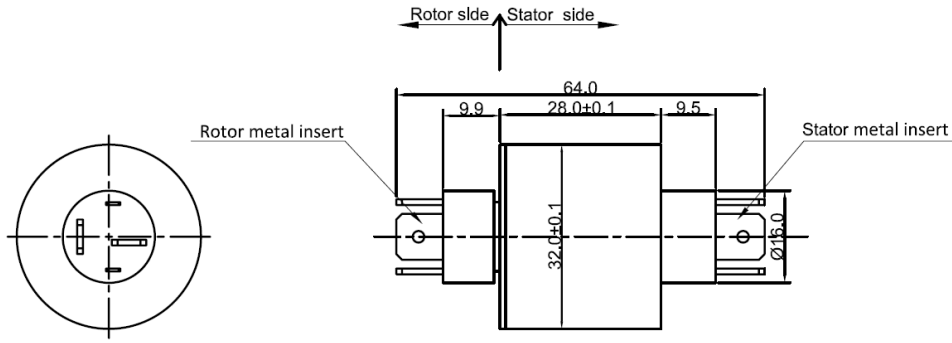
Dimensions in mm

SPECIFICATIONS

ELECTRICAL DATA		
Parameter	Power	Signal
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC
Insulation Strength	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Lead Wires	Exit with pins	
Lead Lenght	None	
Insulation Strength	500VAC@50Hz, 60s	
Electrical Noise	<0,01Ω	
MECHANICAL DATA		
Parameter	Value	
Working Life	20 million revs	
Rotating Speed	250 RPM	
Working Temperature	-30℃~80℃	
Operating Humidity	0~85% RH	
Contact Material	Gold-plated	
Housing Material	Aluminium Alloy	
Torque	0,1Nm; +0,03Nm/6rings	
Protection Grade	IP51	

PART NUMBER COMPOSITION

CTW 0032S - xxP/yyS - 00000 - XXXX

❶ ❷ ❸   ❹   ❺   ❻ ❼ ❽ ❾   ❿

❶ Inner Dia

❷ Outer Dia

❸ Quality Level
S = Standard
I = Industrial
H = High level

❹ Number of power wires

❺ Number of signal wires

❻ Flange
00
01
..07

❼ Flange Position
O = No Flange
R = Rotor
I = Interior
S = Stator

❽ Rotor cable length
0 = 300mm
1 = 600mm
2 = 1200mm

❽ Stator cable length
0 = 300mm
1 = 600mm
2 = 1200mm

❾ Special Options
01CAN = CanOpen
01ECT= Ethercat
01PRO = Profibus
01ETH = Giga Ethernet
IP65 = IP65
IP68 = IP68