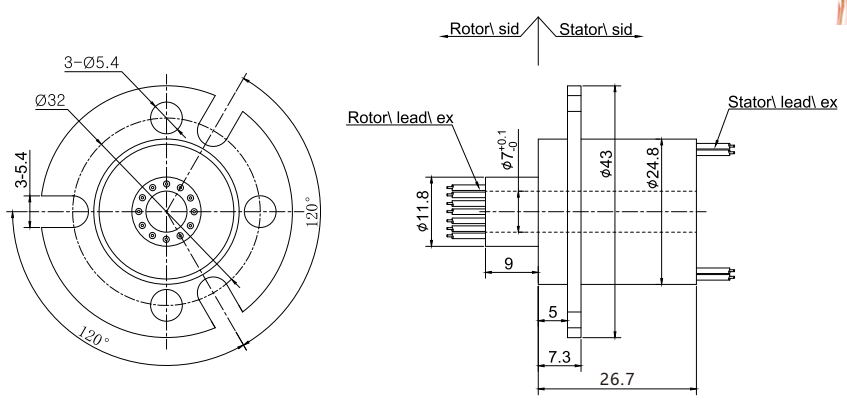
MT0724 Series

MT0724 series provides a 7mm through-bore for routing of hydraulic or pneumatic lines or hydraulic or pneumatic rotating shaft installation, and a compact 24.8mm outside diameter,features long life, fiber brush contact technology for ultimate performance in manychallenging applications.
MT0724 series are standard, off-the-shelf products, Color-coded lead wires are used onboth the stator and rotor for simplified electrical connections.It can transmit signal(2A), 5A current when 360° degree free rotating.



Part# Explanation

MT 0724 - S 06 - VC

- MT:through bore slip ring
- 0724:07-ID 7mm;24-OD 24.8mm
- S:signal(2A)
- 06:6 rings
- Product quality level
  VC-common quality version
  VD-industrial quality version
  Default=VC

Part# List

MT0724 Series Parts# List		
Part#	Signal or 2A	Length-L (mm)
MT0724-S02	2	27
MT0724-S04	4	27
MT0724-S06	6	27
MT0724-S08	8	27
MT0724-S10	10	27
MT0724-S12	12	27

Note:N channels 2A rings parallel can be used as 1 channel N*2A current. For example: 2 rings 2A parallel could be used as 1 wires 4A

Specifications

Mechanical Data	
Parameter	Value
Working Life	10 million revs
Rotating Speed	Max 250RPM
Working Temperature	-30℃~80℃
Operating Humidity	0~85% RH
Contact Material	Gold-gold
Housing Material	Aluminium Alloy
Torque	0.05N.m; +0.02N.m/6rings
Protection Grade	IP51

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~220VAC/VDC	0~220VAC/VDC
Insulation Resistance	≥100MΩ/220VDC	≥100MΩ/220VDC
Lead Wires	AWG28#Teflon	AWG28#Teflon
Lead Length	Standard 300mm(adjustable)	
Insulation Strength	100VAC@50Hz,60s	
Electrical Noise	<0.01Ω	

Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	250RPM	10 Million Revs	Precious Metal
VD	600RPM	20 Million Revs	Gold-Gold

Lead Wires Color Code

Ring	4 wire	1	2	3	4	8 wire	1	2	3	4	5	6	7	8
Color		BLK	RED	YEL	GRN		RED	GRN	YEL	PUR	GRA	BLK	BLU	DKBU