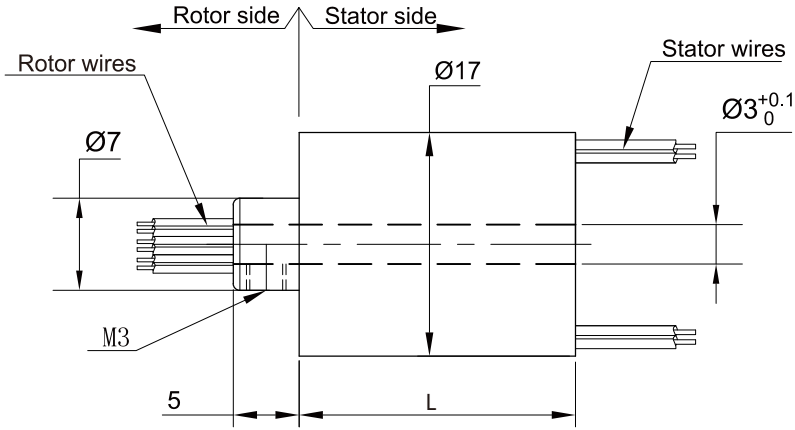


MT0317 Series

MT0317 series provides a 3mm through-bore for routing of hydraulic or pneumatic lines or hydraulic or pneumatic rotating shaft installation, and a compact 17mm outside diameter, features long life, fiber brush contact technology for ultimate performance in many challenging applications. MT0317 series are standard, off-the-shelf products, Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. It can transmit signal(2A), 5A current when 360° degree free rotating.



Part# Explanation



Part# List

MT0317 Series Parts# List			
Part#	Signal or 2A	Length-L (mm)	
MT0317-S02	2	13.3	
MT0317-S03	3	13.3	
MT0317-S04	4	13.3	
MT0317-S06	6	21	
MT0317-S08	8	21	

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		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	10 million revs		Power	Signal
Rotating Speed	Max 250RPM	Rated Voltage	0~220VAC/VDC	0~220VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥100MΩ/220VDC	≥100MΩ/220VDC
Operating Humidity	0~85% RH	Lead Wires	AWG28#Teflon	AWG28#Teflon
Contact Material	Gold-gold	Lead Length	Standard 300mm(adjustable)	
Housing Material	PBT	Insulation Strength	500VAC@50Hz, 60s	
Torque	0.05N.m; +0.02N.m/6rings	Electrical Noise	<0.01Ω	
Protection Grade	IP51			

Lead Wires Color Code

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