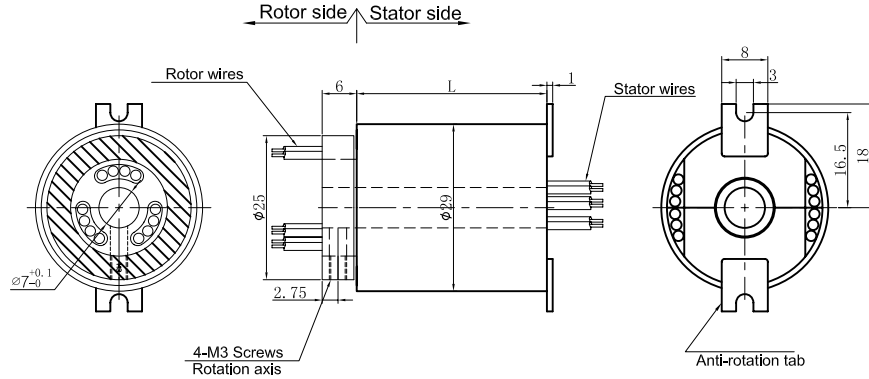
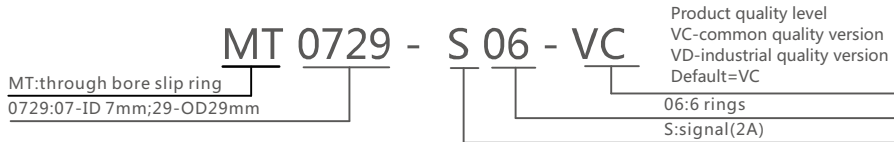


MT0729 Series

MT0729 series provides a 7mm through-bore for routing of hydraulic or pneumatic lines or hydraulic or pneumatic rotating shaft installation, and a compact 29mm outside diameter, features long life, fiber brush contact technology for ultimate performance in many challenging applications. MT0729 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



MT0729 Series Parts# List			
Part#	10A	Signal or 5A	Length-L (mm)
MT0729-S02	0	2	30
MT0729-P0210	2	0	30
MT0729-S03	0	3	30
MT0729-P0310	3	0	30
MT0729-S04	0	4	30
MT0729-P0410	4	0	30
MT0729-S06	0	6	30
MT0729-P0210-S04	2	4	30
MT0729-P0410-S02	4	2	30
MT0729-P0610	6	0	46.8
MT0729-S12	0	12	46.8
MT0729-P0210-S10	2	10	46.8
MT0729-P0310-S09	3	9	46.8
MT0729-P0410-S08	4	8	46.8
MT0729-P0610-S06	6	6	46.8
MT0729-P0810-S04	8	4	46.8
MT0729-P1010-S02	10	2	46.8
MT0729-P1210	12	0	46.8

Note: N channels 5A rings parallel can be used as 1 channel N*5A current. For example: 2 rings 5A parallel could be used as 1 wires 10A

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC
Insulation Resistance	$\geq 600\text{M}\Omega/500\text{VDC}$	$\geq 1000\text{M}\Omega/500\text{VDC}$
Lead Wires	AWG22#Teflon AWG22#Teflon	
Lead Length	Standard 300mm(adjustable)	
Insulation Strength	500VAC@50Hz , 60s	
Electrical Noise	<0.01 Ω	
Mechanical Data		
Parameter	Value	
Working Life	See Product Quality Level Table	
Rotating Speed	See Product Quality Level Table	
Working Temperature	-30°C~80°C	
Operating Humidity	0~85% RH	
Contact Material	See Product Quality Level Table	
Housing Material	Aluminium Alloy	
Torque	0.05N.m; +0.02N.m/6 rings	
Protection Grade	IP51	

Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	250RPM	20 Million Revs	Precious Metal
VD	600RPM	60 Million Revs	Gold-Gold

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe)