

MT210 Series

Through bore 210mm(8.27"), Overall Diameter: 320mm

MT210 series provides a 210mm(8.27") through-bore for routing of hydraulic or pneumatic lines or hydraulic or pneumatic rotating shaft installation, and a 320mm outside diameter, features long life, fiber brush contact technology for ultimate performance in many challenging applications.

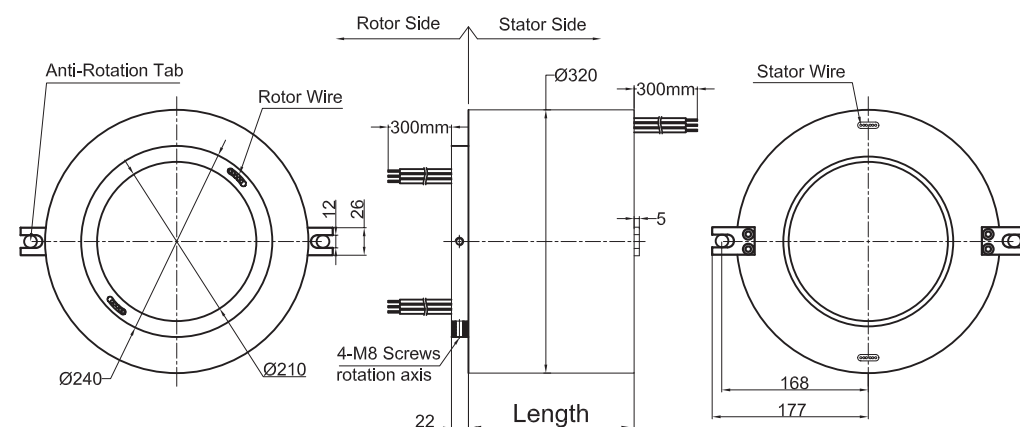


Specifications

Rings	3~72(see table as below)	Current	Signal(2A),10A,Multiple 10A
Voltage	600 VDC/VAC	Max speed	50RPM
Through bore size	210mm(8.27")	Overall diameter	320mm(12.6")
Housing Material	Aluminium Alloy	Torque	1N.m;+0.2N.m/6rings
Working life	Depends on speed	Contact material	Precious Metal:Gold-Gold
Electrical noise	<10mOhm	Contact Resistance	<5mOhm
Dielectric strength	1000VDC@50Hz	Lead Wire	UL Teflon® Awg22,Awg16
Insulation resistance	1000MΩ@600VDC	Lead Lengths	300mm(12")
Operating Temp.	-40°C to 80°C	Protection	IP51
Mechanical vibratio	MIL-SID-810E	Humidity	10% to 85% RH
Materials	Lead Free,RoHS compliant	Certified	YES

Drawings

Standard drawings:



MT210

Lead wire Color codes					
Rings#	Color Code	Rings#	Color Code	Rings#	Color Code
1	BLK	5	YEL	9	GRY
2	BRN	6	GRN	10	WHT
3	RED	7	BLU	11	PINK
4	ORN	8	PURPLE	12	AZURY

12 wires for one group color, from 13 ... 24, repeat the same color as 1 ... 12, indicated with number code pipe.

Parts List

*Please note: 10A rings parallel can be used as multiple 10A current.

For Example: 2 rings parallel could be used as 1 wires 20A

MT21002 (Length=87mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21002-0200	2	0	MT21002-0002	0	2

MT21003 (Length=93mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21003-0300	3	0	MT21003-0003	0	3
MT21003-0102	1	2	MT21003-0201	2	1

MT21006 (Length=111mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21006-0600	6	0	MT21006-0006	0	6
MT21006-0204	2	4	MT21006-0402	4	2

MT21012 (Length=147mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21012-1200	12	0	MT21012-0012	0	12
MT21012-0210	2	10	MT21012-0408	4	8
MT21012-0606	6	6	MT21012-0804	8	4
MT21012-1002	10	2			

MT21018 (Length=183mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21018-1800	18	0	MT21018-0018	0	18
MT21018-0216	2	16	MT21018-0414	4	14
MT21018-0612	6	12	MT21018-0810	8	10
MT21018-1008	10	8	MT21018-1206	12	6
MT21018-1404	14	4	MT21018-1602	16	2

MT21024 (Length=219mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21024-2400	24	0	MT21024-0024	0	24
MT21024-0618	6	18	MT21024-1212	12	12
MT21024-1806	18	6			

Parts List

*Please note: 10A rings parallel can be used as multiple 10A current.

For Example: 2 rings parallel could be used as 1 wires 20A

MT21030 (Length=255mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21030-3000	30	0	MT21030-0030	0	30
MT21030-0624	6	24	MT21030-1218	12	18
MT21030-1812	18	12	MT21030-2406	24	6

MT21036 (Length=291mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21036-3600	36	0	MT21036-0036	0	36
MT21036-0630	6	30	MT21036-1224	12	24
MT21036-1818	18	18	MT21036-2412	24	12
MT21036-3006	30	6			

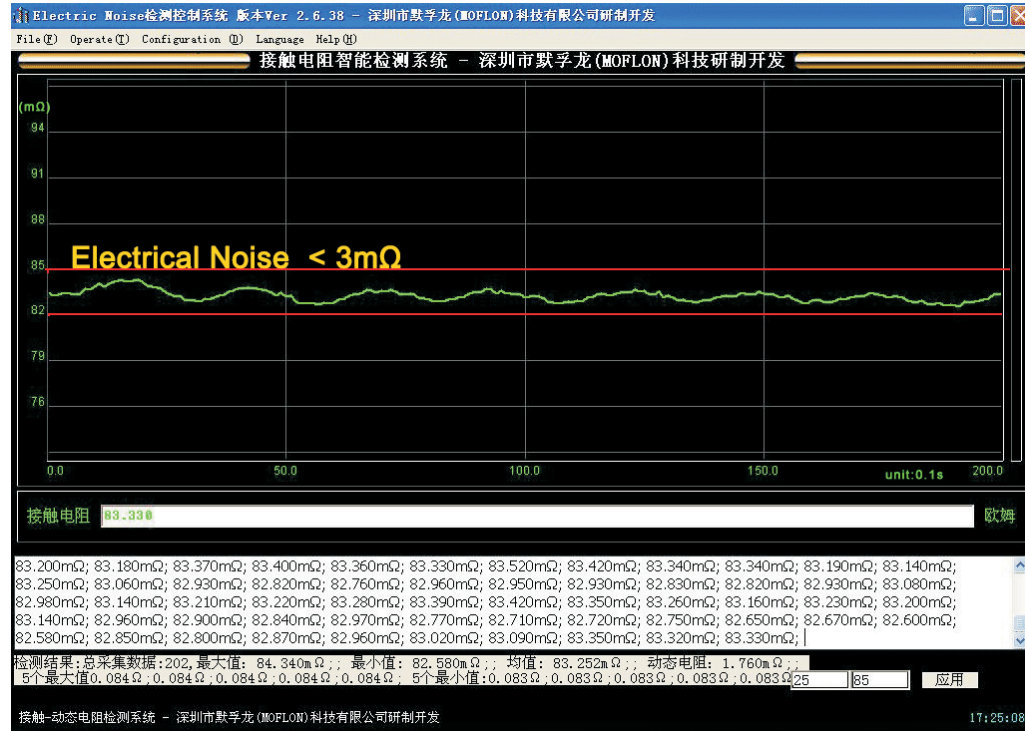
MT21048 (Length=363mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21048-4800	48	0	MT21048-0048	0	48
MT21048-0642	6	42	MT21048-1236	12	36
MT21048-1830	18	30	MT21048-2424	24	24
MT21048-3018	30	18	MT21048-3612	36	12
MT21048-4206	42	6			

MT21056 (Length=411mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21056-5600	56	0	MT21056-0056	0	56
MT21056-0650	6	50	MT21056-1244	12	44
MT21056-1838	18	38	MT21056-2432	24	32
MT21056-3620	36	20	MT21056-4808	48	8

MT21072 (Length=507mm)					
Parts#	Power 10A	signal/2A	Parts#	Power 10A	signal/2A
MT21072-7200	72	0	MT21072-0072	0	72
MT21072-1260	12	60	MT21072-2448	24	48
MT21072-3042	30	42	MT21072-3636	36	36
MT21072-4824	48	24	MT21072-6012	60	12

Electrical Noise Test System

Slip Rings Assembly Work Shop



Working life Test System

