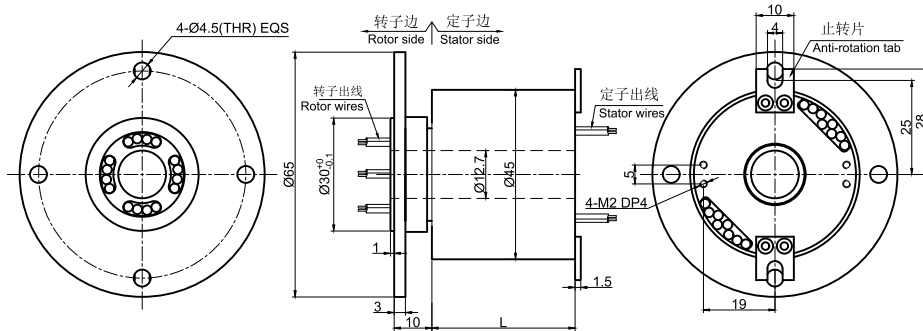


GT1245F Series

45mm od through-hole diameter of 12.7mm (applicable to $\leq 12.7\text{mm}$)
standard series integral precision conductive slip ring.

*Note: if the inner hole less than 12.7 mm is needed, it can be solved by adding inner sleeve.



Part# Explanation

GT 1245 F - P 0610 - S 09

GT:High speed slip ring	09:9 rings(0~5A per ring)
1245: 12-ID12.7mm; 45-OD45mm	S:signal(5A)
F:Rotor flange installation style	0610:06-6rings;10-rated 10A/ring
P:power ring	

Part# List

GT1245F Series Parts# List									
Part#	20A	10A	Signal/5A	Length-L (mm)	Part#	20A	10A	Signal/5A	Length-L (mm)
GT1245F-S09	0	0	9	38	GT1245F-P1210-S09	0	12	9	78.8
GT1245F-P0610	0	6	0	38	GT1245F-P1810	0	18	0	78.8
GT1245F-P0420	4	0	0	38	GT1245F-P1220	12	0	0	78.8
GT1245F-S18	0	0	18	58.4	GT1245F-S36	0	0	36	99.2
GT1245F-P0610-S09	0	6	9	58.4	GT1245F-P0610-S27	0	6	27	99.2
GT1245F-P1210	0	12	0	58.4	GT1245F-P1210-S18	0	12	18	99.2
GT1245F-P0820	8	0	0	58.4	GT1245F-P1810-S09	0	18	9	99.2
GT1245F-S27	0	0	27	78.8	GT1245F-P2410	0	24	0	99.2
GT1245F-P0610-S18	0	6	18	78.8	GT1245F-P1620	16	0	0	99.2

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A.10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	100 Million revs		Power	Signal
Rotating Speed	1~1800RPM	Rated Voltage	0~380VAC/VDC	0~240VAC/VDC
Working Temperature	-30°C~80°C/-45°C~80°C(Military optional)	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH/0~97% RH(Military optional)	Dielectric Strength	500VAC@50Hz,60s	AWG22#Tinned iron Teflon
Contact Material	precious metal	Lead Length	Standard 300mm	
Housing Materia	Al alloy	Lead Wires	AWG17#/AWG14#Tinned iron Teflon	
Torque	0.1N.m; +0.03N.m/6rings	Electrical Noise	< 0.03Ω	
Protection Grade	IP51			