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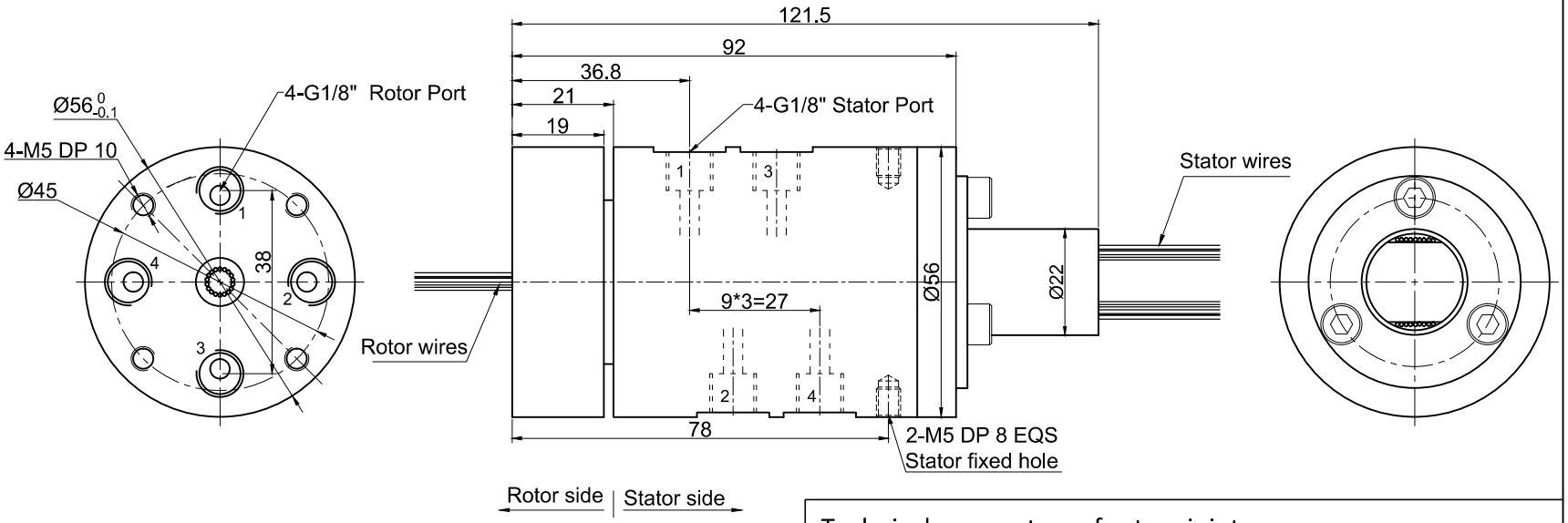

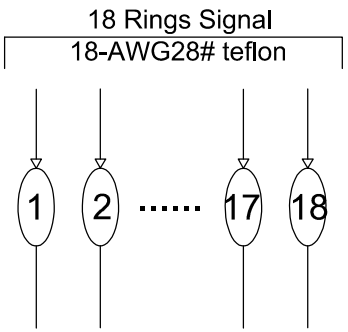

Technical parameters of rotary joint

1	Pressure	Max 1 Mpa	2	Passage	4 passage Air
3	Texture of materia	Aluminium alloy	4	Tracheal connector	G1/8"
5	Media type	Compressed air			

Electrical Specification

1	Rings	18	2	Current	Signal module:18 rings signal
3	Voltage	0-120VDC/VAC			
4	Insulation Resistance	100MΩ@150VDC			
5	Electrical noise	Max.10mΩ;			
6	Dielectric strength	500VAC@50Hz;60S			

Mechanical Specification

7	Speed	0~250RPM;	8	Torque	Max.0.9 N.M;
9	Typical Life	10million revolutions, but strongly depends on your working conditions			

Environmental adaptability

10	Working temperature	-30℃~+80℃	11	Storage temperature	-35℃~+85℃
12	humidity	85±3%(30℃+5℃)			
13	Rush	40g,11ms,Half sine wave, Vertical direction 3 times,Level 3times			
14	IP Class	IP51			

Material/Attachment

15	Contact Material	Precious metal	16	Housing material	**ALL Alloy**
17	Lead wire	Rotor:300mm(See wiring diagram) Stator:300mm(See wiring diagram)			

UNLESS OTHERWISE SPECIFIED 1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES &DEBURR 2.MATERIAL&FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT	TOLERANCES (EXCEPT AS NOTED)	4 passage Air + 18 rings signal
		MODEL: RKD41S-S18
FILLETS R.015 / FINISH	DECIMAL X±.1 XX±.03 XXX±.005	RION
THIRD ANGLE PROJECTION	FRACTIONAL±1/16 ANGULAR±1°	SIZE A / REV. A/0 / SCALE 1:1 / UNIT mm