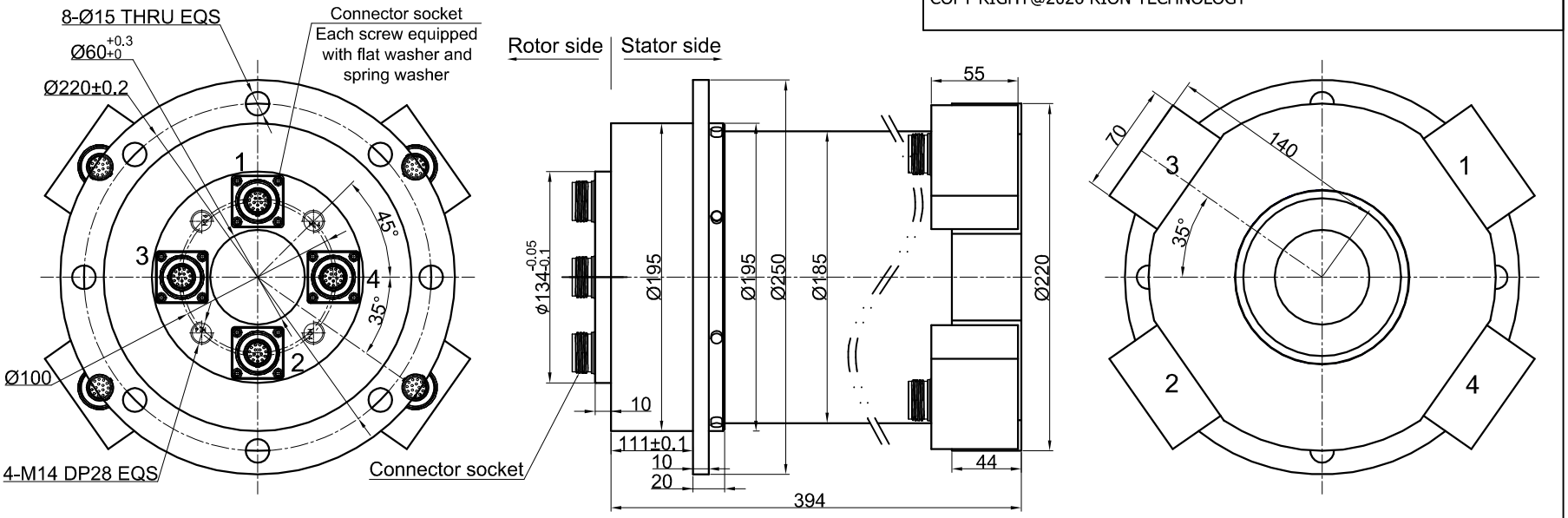
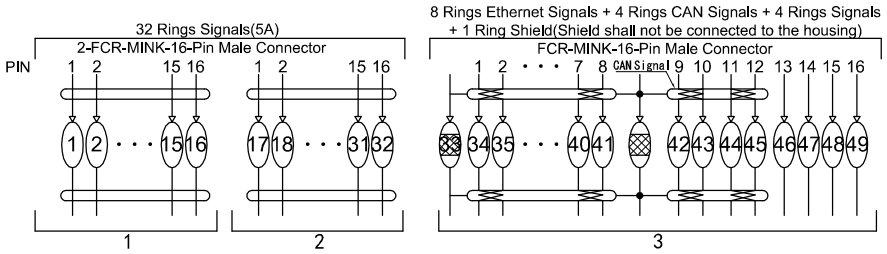
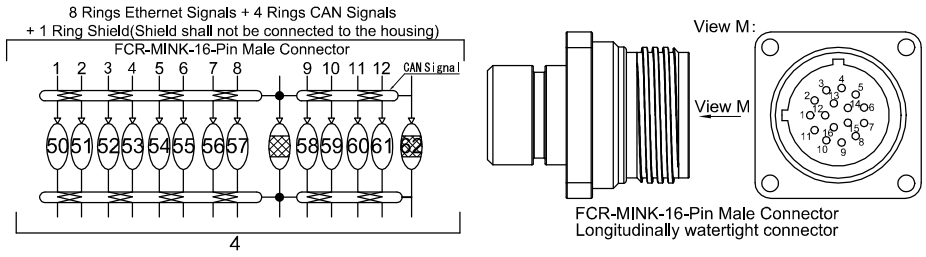
MARK	ECN NO.	Modify	Approve	DATE

THIS DOCUMENT IS THE PROPERTY OF RION TECHNOLOGY(SHENZHEN) LTD.(HEREAFTER"RION"),IT IS LENT AND IS TO BE RETURNED UPON REQUEST,THE CONTENTS OF THIS DOCUMENT ARE CONFIDENTIAL AND CONSTITUTE TRADE SECRETS PROPRIETARY TO RION,THIS DOCUMENT NOR ITS CONTENTS DOCUMENT NOR ITS CONTENTS SHALL BE DISCLOSED TO ANY UNAUTHORIAED PERSON COPIED OR PUBLISHED WITHOUT RION PRIOR WRITTEN CONSENT.
COPY RIGHT@2026 RION TECHNOLOGY







Electrical Specifications

1	Rings	62	2	Current	Signal module: 16 Rings Ethernet Signals + 2 Rings Shield + 44 Rings Signals
3	Voltage	0~380VAC / VDC			
4	Insulation Resistance	⩾500MΩ@500VDC			
5	Electrical noise	Max.10mΩ			
6	Dielectric strength	800VAC@50Hz;60s			

Mechanical Specification

7	Speed	0~250 rpm	8	Torque	MAX 25 N·m

Environmental adaptability

9	Working temperature	-40℃~+80℃	10	Storage temperature	-40℃~+85℃
11	Humidity	85±3%RH(30℃+5℃)	12	Operating Environment	100m seawater depth, External pressure resistance 1MPa
13	Shock	40g,11ms,Half sine wave, Vertical 3 times,Horizontal 3 times			
14	IP rating	IP68			

Material/Attachment

15	Contact Material	Gold-Gold	16	Housing material	2205 Duplex Stainless Steel
17	Lead wire	Rotor:(See wiring diagram) Stator:(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.

FILLETS R.015 FINISH

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)

SIZE RANGE	TOLERANCE
X < 6	±0.1
6 ≤ X < 30	±0.2
30 ≤ X < 120	±0.3
120 ≤ X < 400	±0.5
400 ≤ X < 1000	±0.8
1000 ≤ X	±1.2

FRACTIONAL±1/16
ANGULAR±1°
(11,11)

16 Rings Ethernet Signals
+ 2 Rings Shield + 44 Rings Signals

MODEL RX26071803

RIONSR

SIZE	A
REV.	A/0
SCALE	1:1
UNIT	mm