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@2020 RION TECHNOLOGY hole1;2: Compressed air Rotor side | Stator side hole3:4: Vacuum 6-Ø9 EQS 4-RC1/4 2-M12 DP 12 EQS Ø120 Stator Port Stator fixed hole # 4 Ø100⁺⁰ 920 Ø46. - i_a 3 4-RC1/4 20.5 20.5 20.5 Rotor Port Stator wires Rotor wires 117 143.5 184.5 Technical parameters of rotary joint 1 Pressure -60KPA- 1 Mpa 4 passage 2 Passage Texture of material Al alloy 4 Tracheal connector 2 rings 5A 4 rings Communication Signal+Shield 5 Media type Compressed air and Vacuum 2-AWG22# teflon 1-RVSP4*0.5 **Electrical Specification** 1 Rings 2 Current Power module:2 rings,5A/ring Signal module:4 rings Communication 0-220VDC/VAC 3 Voltage 4 Insulation Resistance 300MΩ@500VDC Signal+Shield 5 Electrical noise Max.10mΩ; 6 Dielectric strength 500VAC@50Hz;609 Mechanical Specification 7 Speed 8 Torque Max.4.5 N.M; Life 10million revolutions, but strongly depends on your working conditions BLK RED Shield BLK RED YEL GRN Environmental adaptability 10 Working temperature -30℃~+80℃ 11 Storage temperature -35℃~+85℃ 2 passage Compressed air+2 passage Vacuum 12 humidity 85±3%(30°C+5°C) UNLESS OTHERWISE SPECIFIED TOLERANCES EXCEPT AS NOTE +2 rings 5A+4 rings Communication Signal+Shield 13 Rush 40g,11ms,Half sine wave, ALL DIMENSIONS ARE IN MM HES BREAK Vertical direction 3 times, Level 3times SHARP EDGES &DEBURR 2.MATERIAL&FINISH TO BE AS NOTED OR RX01102002 14 IP Class IP51 SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT DECIMAL X±.1 XX±.03 Material/Attachment FILLETS R.015 FINISH 🦭 XXX±.005 15 Contact Material Housing material ALL Alloy noble metal RACTIONAL±1/16 THIRD ANGLE PROJECTION 17 Lead wire Rotor:300mm(See wiring diagram) ANGULAR±1° ⊕ 母 Stator:300mm(See wiring diagram)