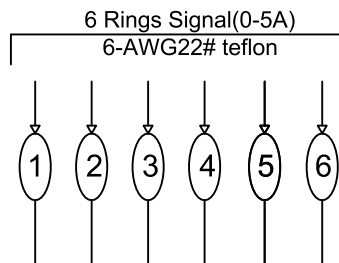
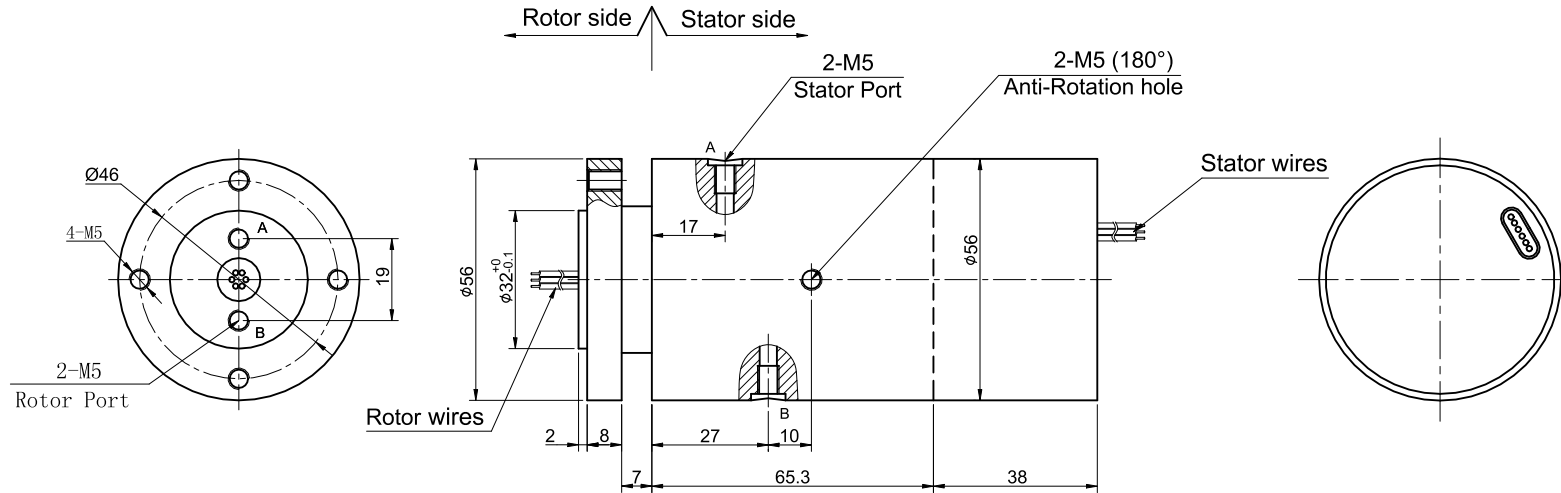


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### Technical parameters of rotary joint

|                       |                |                      |               |
|-----------------------|----------------|----------------------|---------------|
| 1 Pressure            | Max 1 Mpa      | 2 Passage            | 2 passage Gas |
| 3 Texture of material | Special steel  | 4 Tracheal connector | M5            |
| 5 Media type          | Compressed air |                      |               |

### Electrical Specification

|                         |                       |           |                                   |
|-------------------------|-----------------------|-----------|-----------------------------------|
| 1 Rings                 | 6                     | 2 Current | Signal module:6 rings;Max:5A/ring |
| 3 Voltage               | 0-24VDC/VAC           |           |                                   |
| 4 Insulation Resistance | 500M $\Omega$ @500VDC |           |                                   |
| 5 Electrical noise      | Max.10m $\Omega$ ;    |           |                                   |
| 6 Dielectric strength   | 500VAC@50Hz;60S       |           |                                   |

### Mechanical Specification

|                |  |          |             |
|----------------|--|----------|-------------|
| 7 Speed        | 0~100RPM;  | 8 Torque | Max.2.5N.M; |
| 9 Typical Life | 10million revolutions, but strongly depends on your working conditions |          |             |

### Environmental adaptability

|                        |  |                        |                                   |
|------------------------|--|------------------------|-----------------------------------|
| 10 Working temperature | -30 $^{\circ}$ C~+80 $^{\circ}$ C                                | 11 Storage temperature | -35 $^{\circ}$ C~+85 $^{\circ}$ C |
| 12 humidity            | 85 $\pm$ 3%(30 $^{\circ}$ C+5 $^{\circ}$ C)                      |                        |                                   |
| 13 Rush                | 40g,11ms,Half sine wave, Vertical direction 3 times,Level 3times |                        |                                   |
| 14 IP Class            | IP51   |                        |                                   |

### Material/Attachment

|                     |   |                     |           |
|---------------------|---|---------------------|-----------|
| 15 Contact Material | noble metal   | 16 Housing material | ALL Alloy |
| 17 Lead wire        | Rotor:300mm(See wiring diagram)<br>Stator:300mm(See wiring diagram) |                     |           |

|  |                     |  |     |                  |     |
|--|---------------------|--|-----|------------------|-----|
| UNLESS OTHERWISE SPECIFIED   |                     | TOLERANCES (EXCEPT AS NOTED)                     |     | 6 Rings Signal   |     |
| 1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES &DEBURR                               |                     | DECIMAL Xs.1 XXs.03 XXXs.005                     |     | MODEL RX10103001 |     |
| 2.MATERIAL&FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT |                     | FRACTIONAL $\pm$ 1/16 ANGULAR $\pm$ 1 $^{\circ}$ |     |                  |     |
| FILLET R.015   | FINISH $\checkmark$ | SIZE   | A   | RE.V.            | A/0 |
| THIRD ANGLE PROJECTION   |                     | SCALE  | 1:1 | UNIT             | mm  |