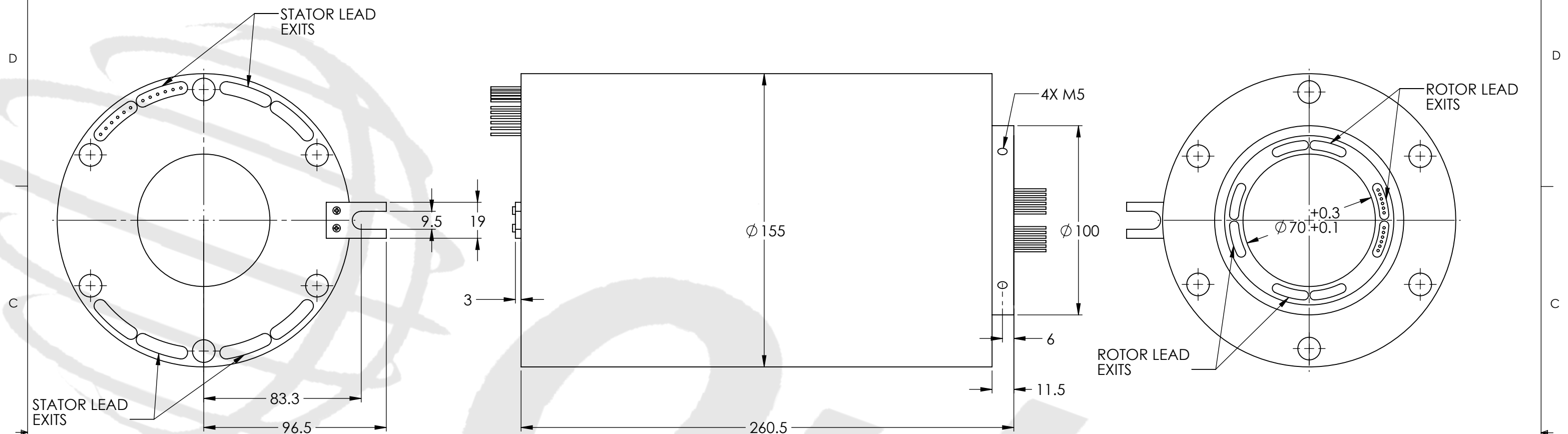


| REVISIONS | | | | |
|-----------|------|----------------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | 1 | Customer Information | 1/1/2014 | WRH |



ROTOR AND STATOR LEADS FOR VISUALIZATION ONLY. TRUE NUMBERS, ORIENTATION, SIZE, LOCATION, AND COLORS CAN VARY BASED ON SPECIFICATIONS. ROTOR AND STATOR EXIT POINTS NOTED.

| TECHNICAL DATA | |
|----------------------------|--|
| NUMBER OF CIRCUITS | 60 SIGNAL, 12 POWER CIRCUITS |
| RATED VOLTAGE | 380 VAC (POWER)/240 VAC/VDC (SIGNAL) |
| DIELECTRIC STRENGTH | 500VAC@50Hz,60s |
| RATED CURRENT | 2A/RING (SIGNAL), 10A/RING (POWER) |
| NOMINAL SPEED | 0-500 RPM |
| INSULATION RESISTANCE | ≥1000 MΩ/500VDC (SIGNAL), ≥500 MΩ/500VDC (POWER) |
| DYNAMIC CONTACT RESISTANCE | <10 mΩ |
| CONTACT MATERIAL SURFACE | PRECIOUS METALS |
| LEAD | 22 AWG SILVER PLATED AND 16 AWG TINNED, COLOR CODED, PTFE INSULATED LEAD WIRES |
| STANDARD LEAD LENGTH | 500mm |
| TEMPERATURE | -20 °C to + 80 °C |
| BEARINGS | MINIATURE, PRECISION STEEL BEARINGS |
| HOUSING | ABS PLASTIC |
| PROTECTION | IP51 |

| WIRE COLOR CODE | |
|-----------------------------|------------------------|
| 22 AWG (60 SIGNAL CIRCUITS) | |
| 1/13/25/37/49. RED | 2/14/26/38/50. YELLOW |
| 3/15/27/39/51. BLACK | 4/16/28/40/52. BLUE |
| 5/17/29/41/53. GREEN | 6/18/30/42/54. WHITE |
| 7/19/31/43/55. PURPLE | 8/20/32/44/56. GRAY |
| 9/21/33/45/57. BROWN | 10/22/34/46/58. ORANGE |
| 11/23/35/47/59. DARK BLUE | 12/24/36/48/60. KHAKI |
| 16 AWG (12 POWER CIRCUITS) | |
| 1. RED | 2. YELLOW |
| 3. BLACK | 4. BLUE |
| 5. GREEN | 6. WHITE |
| 7. PURPLE | 8. GRAY |
| 9. BROWN | 10. ORANGE |
| 11. DARK BLUE | 12. KHAKI |



| | | |
|---|-----------|-----------|
| UNLESS OTHERWISE SPECIFIED: | | |
| DRAWING SYMBOLS & TOLERANCES PER ANSI Y14.5 | | |
| DIMENSIONS ARE METRIC | | |
| TOLERANCES: | | |
| DECIMALS | LINEAR | ANGULAR |
| .X | ±0.2 | ±0.5DEG |
| .XX | ±0.02 | ±0.2DEG |
| .XXX | ±0.005 | ±0.01DEG |
| INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5 | | |
| MATERIAL | SEE CHART | |
| FINISH | CLEAN | |
| DRAWN | MRJ | 3/25/2014 |

Orbex Group

TITLE: Slip Ring

SIZE: **B** PRT. NO. 570-6012 REV **CI**

SCALE: 1:2 SHEET 1 OF 1

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