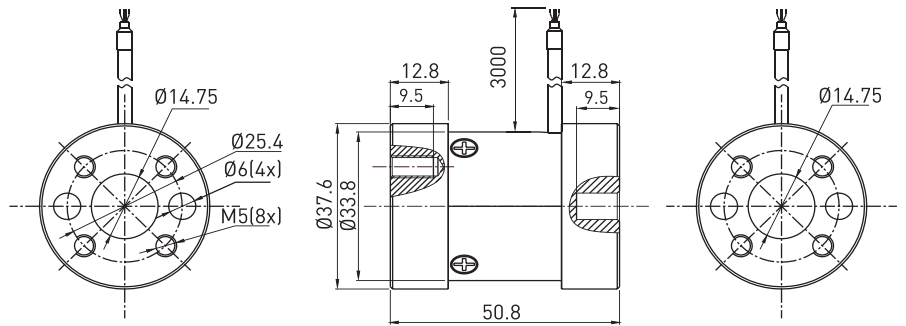


F9801



Size and Capacity

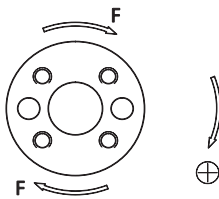


Features & Applications

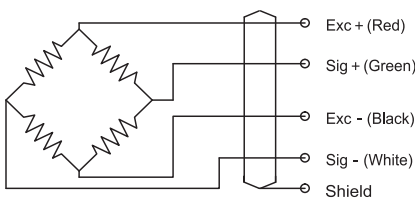
- Static torque sensor
- Made of anodized aluminum alloy
- Compact structure, easy to install
- IP65 protection
- Used for static, non-continuous rotational torque force measurement, max 90°

| Capacity [Nm] | Material | Weight |
|-------------------------------|----------------|--------|
| 1/2/3/5/6/10/20/30/50/100/150 | Aluminum alloy | 0.2kg |

Load Direction



Schematic Wiring Diagram



Note: Cable shield is not connected to element.

Technical Parameters

| Specifications | Technique |
|-------------------------|---|
| Rated output | 2.0 ± 10% mV/V |
| Zero balance | ± 2% F.S. |
| Non-linearity | 0.5% F.S. |
| Hysteresis | 0.25% F.S. |
| Repeatability | 0.1% F.S. |
| Creep (30min) | 0.5% F.S. |
| Temp. effect on output | 0.05% F.S. / 10°C |
| Temp. effect on zero | 0.05% F.S. / 10°C |
| Input impedance | 410 ± 10 Ω |
| Output impedance | 350 ± 5 Ω |
| Insulation | ≥5000MΩ/ 100VDC |
| Recommended excitation | 10V |
| Maximum excitation | 15V |
| Compensated temp. range | -10 ~ 60°C |
| Operation temp. range | -20 ~ 80°C |
| Safe overload | 120% F.S. |
| Ultimate overload | 150% F.S. |
| Cable size | Ø 3 × 3000 mm |
| Protection class | IP65 |
| Cable color code | Input: Red(+) Black(-); Output: Green(+) White(-); |