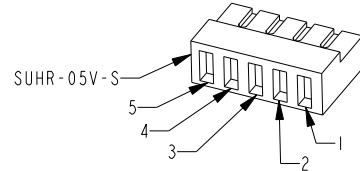


SPECIFICATIONS

| | |
|-----------------------------------|------------|
| CAPACITY (Nm) | 380 |
| OVERLOAD CAPACITY (%F.S.) | 200 |
| OUTPUT @ F.S. (mv/V) | 2±0.2 |
| POWER SUPPLY (V) | 3.5-12 |
| BRIDGE RESISTANCE (Ω) NOMINAL | 700 |
| NON-LINEARITY (%F.S.) | 0.5 |
| HYSTERESIS (%F.S.) | 1.0 |
| OPERATING TEMP. RANGE (°C) | -20 TO +90 |
| CROSSTALK (%F.S.) | 1.0 |
| AXIAL FORCE FOR CROSSTALK (N) | 400 |
| RADIAL FORCE FOR CROSSTALK (N) | 400 |
| BENDING MOMENT FOR CROSSTALK (Nm) | 60 |
| TORSION ANGLE (CALCULATED) | 0.04° |
| TORSIONAL STIFFNESS (KNm/RAD) | 400 |
| BENDING STIFFNESS (KNm/RAD) | 66 |
| MASS (KG) | 0.23 |



| WIRING CODE | | |
|-------------|----------------|----------|
| | COLOR | FUNCTION |
| 1 | RED | +EX |
| 2 | WHITE | -SIG |
| 3 | GREEN | +SIG |
| 4 | BLACK | GND |
| 5 | SHIELDING WIRE | |

NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 200% OF THOSE USED FOR CROSSTALK MEASUREMENT

DRAWING IN THIRD ANGLE PROJECTION

SUNRISE INSTRUMENTS
www.srisensor.com

ROBOT JOINT TORQUE LOADCELL
D83MM, 380 Nm

| | | |
|--|---------|-----------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM | M2214H4 | REV. A |
|--|---------|-----------|