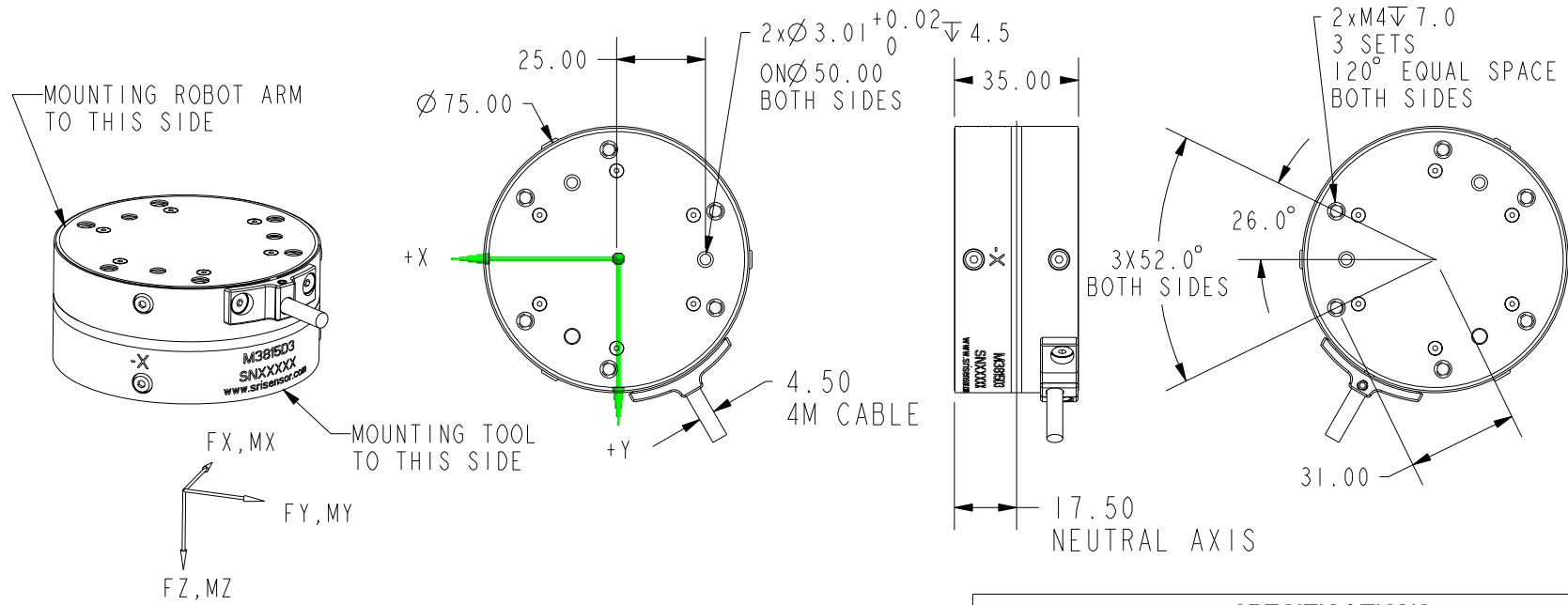




THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

|                        | Fx      | Fy  | Fz   | Mx   | My   | Mz   |
|------------------------|---------|-----|------|------|------|------|
| <b>CAPACITY (N/Nm)</b> | 260     | 260 | 260  | 20.0 | 20.0 | 20.0 |
| <b>OUTPUT (mV/V)</b>   | COUPLED |     |      |      |      |      |
| <b>BRIDGE RES. (Ω)</b> | 1400    | 700 | 1400 | 700  | 1400 | 700  |

#### WIRING CODE - TWISTED PAIR

| NO # | FUNCTION | COLOR        | NO # | FUNCTION | COLOR        |
|------|----------|--------------|------|----------|--------------|
| 1    | CHN1+    | WHITE(BROWN) | 8    | CHN4-    | BROWN(YEL)   |
| 2    | CHN1-    | BROWN(WHITE) | 9    | CHN5+    | RED(BROWN)   |
| 3    | CHN2+    | ORG(BROWN)   | 10   | CHN5-    | BROWN(RED)   |
| 4    | CHN2-    | BROWN(ORG)   | 11   | CHN6+    | WHITE(BLACK) |
| 5    | CHN3+    | BLUE(BROWN)  | 12   | CHN6-    | BLACK(WHITE) |
| 6    | CHN3-    | BROWN(BLUE)  | 13   | +EX      | RED(BLACK)   |
| 7    | CHN4+    | YEL(BROWN)   | 14   | -EX      | BLACK(RED)   |

"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR

#### SPECIFICATIONS

|                                      |             |
|--------------------------------------|-------------|
| EXCITATION MAX. (V)                  | 10          |
| OVERLOAD CAPACITY (%F.S.)            | 1000        |
| LOWEST FREE AIR RESONANT FREQ. (HZ.) | 950         |
| CROSSTALK - WITH ADJUSTMENT (%F.S.)  | 2           |
| NON-LINEARITY (%F.S.)                | 0.5         |
| HYSTERESIS (%F.S.)                   | 0.5         |
| OPERATING TEMP. RANGE (°C)           | -40 TO +100 |
| COMPENSATED TEMP. RANGE (°C)         | 10 TO 70    |
| MASS (KG)                            | 0.40        |

**SUNRISE INSTRUMENTS**

[www.srisensor.com](http://www.srisensor.com)

SIX AXIS LOADCELL WITH OL STOPS  
D75MM F260N, IP60

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3815D3

REV.  
A