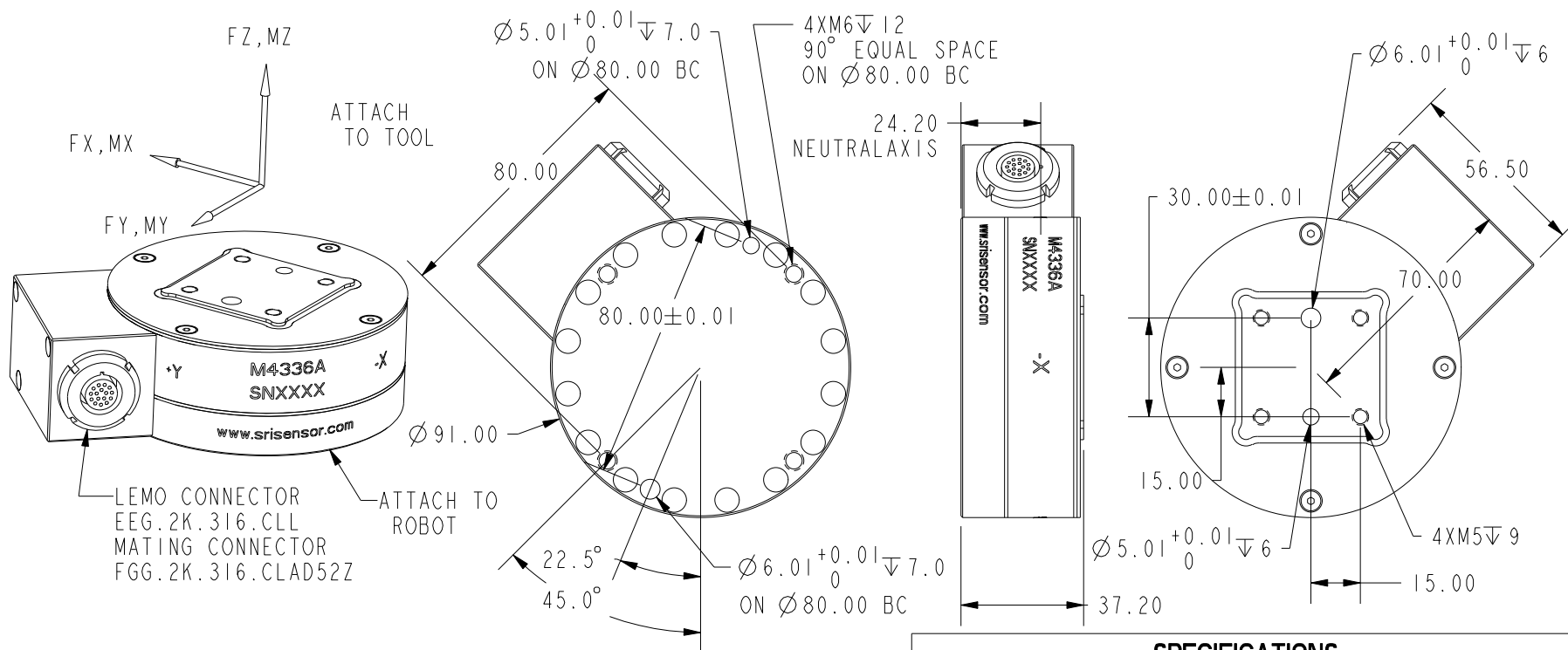




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE  
PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE STRUCTURALLY DECOUPLED

|                  | F <sub>x</sub> | F <sub>y</sub> | F <sub>z</sub> | M <sub>x</sub> | M <sub>y</sub> | M <sub>z</sub> |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| CAPACITY (N/Nm)  | 130            | 130            | 130            | 9              | 9              | 9              |
| OUTPUT @ F.S.(V) | 4.5            | 4.5            | 4.5            | 4.5            | 4.5            | 4.5            |

DIFFERENTIAL OUTPUT, CENTERED AT 0V

#### LEMO PIN ASSIGNMENT

| PIN # | FUNCTION        | PIN # | FUNCTION        | PIN # | FUNCTION        |
|-------|-----------------|-------|-----------------|-------|-----------------|
| 1 & 2 | GND             | 7     | +F <sub>y</sub> | 12    | -M <sub>x</sub> |
| 3     | +10 TO +26V     | 8     | -F <sub>y</sub> | 13    | +M <sub>y</sub> |
| 4     | NA              | 9     | +F <sub>z</sub> | 14    | -M <sub>y</sub> |
| 5     | +F <sub>x</sub> | 10    | -F <sub>z</sub> | 15    | +M <sub>z</sub> |
| 6     | -F <sub>x</sub> | 11    | +M <sub>x</sub> | 16    | -M <sub>z</sub> |

#### SPECIFICATIONS

|                                   |             |
|-----------------------------------|-------------|
| POWER SUPPLY (V) @200mA           | 10 TO 26    |
| OVERLOAD CAPACITY (%F.S.)         | 300         |
| CROSSTALK - NO ADJUSTMENT (%F.S.) | 5           |
| NON-LINEARITY (%F.S.)             | 1.0         |
| HYSTERESIS (%F.S.)                | 1.0         |
| OPERATING TEMP. RANGE (°C)        | -40 TO +100 |
| COMPENSATED TEMP. RANGE (°C)      | 10 TO 70    |
| MASS (KG)                         | 0.59        |

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**www.srisensor.com**

SIX AXIS CIRCULAR LOAD CELL  
D91MM F130N

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M4336A

REV.  
A