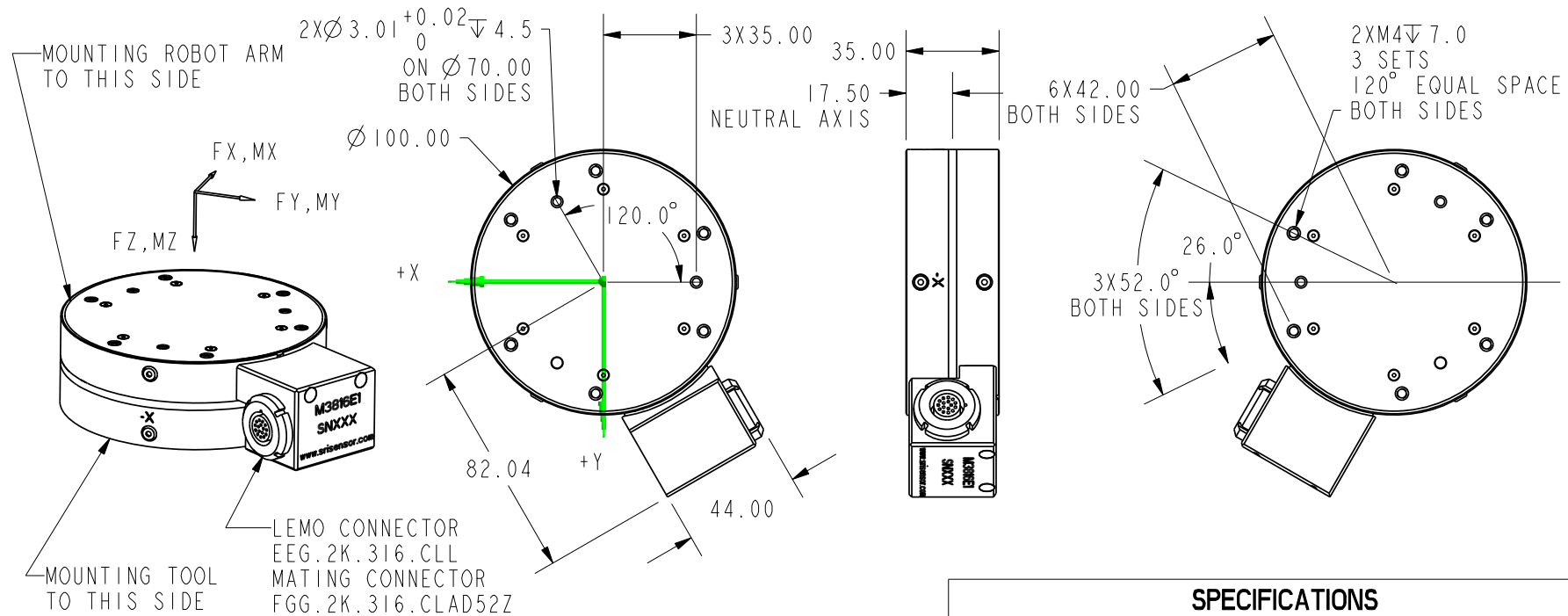




THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

| SPECIFICATIONS                  |             |
|---------------------------------|-------------|
| POWER SUPPLY (V)                | 5V          |
| OVERLOAD CAPACITY (%F.S.)       | 1000        |
| NON-LINEARITY (%F.S.)           | 0.5         |
| HYSTERESIS (%F.S.)              | 0.5         |
| CROSSTALK (%F.S.)               | 2.0         |
| RESOLUTION (WITH M8125, 16 BIT) | 1/5000      |
| RESONANT FREQ.(FX,FY,MZ) (HZ.)  | 1250        |
| RESONANT FREQ.(FZ,MX,MY) (HZ.)  | 2220        |
| OPERATING TEMP. RANGE (°C)      | -40 TO +100 |
| MASS (KG)                       | 0.69        |

|                            | Fx      | Fy   | Fz   | Mx   | My   | Mz   |
|----------------------------|---------|------|------|------|------|------|
| <b>CAPACITY (N/Nm)</b>     | 520N    | 520N | 520N | 56Nm | 56Nm | 56Nm |
| <b>OUTPUT @ F.S.(mV/V)</b> | COUPLED |      |      |      |      |      |

| LEMBO PIN ASSIGNMENT |          |       |          |       |          |
|----------------------|----------|-------|----------|-------|----------|
| PIN #                | FUNCTION | PIN # | FUNCTION | PIN # | FUNCTION |
| 1 & 2                | GND      | 7     | +CHN2    | 12    | -CHN4    |
| 3                    | +PWR     | 8     | -CHN2    | 13    | +CHN5    |
| 4                    |          | 9     | +CHN3    | 14    | -CHN5    |
| 5                    | +CHN1    | 10    | -CHN3    | 15    | +CHN6    |
| 6                    | -CHN1    | 11    | +CHN4    | 16    | -CHN6    |

**SUNRISE INSTRUMENTS**

**www.srisensor.com**

SIX AXIS LOADCELL WITH OL STOPS  
D100MM F260N, IP60

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3816E1

REV.  
A