

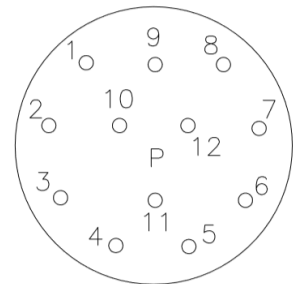


EDrive Actuators – Wiring Diagram  
Title: HDL Load Cell Specifications

**Load Cell Specifications**

|                                       |                          |
|---------------------------------------|--------------------------|
| Rated Output, Typical                 | 2 mV/V                   |
| Combined error                        | 0.25% F.S.               |
| Non-Repeatability                     | 0.05% F.S.               |
| Zero Balance                          | 1% R.O.                  |
| Temperature Range Compensated         | 50°F to 120°F            |
| Temperature Effect, Output            | 0.0008% of load / °F     |
| Temperature Effects, Zero Balance     | 0.02% / R.O. / °F        |
| Bridge Impedance, Typical             | 700 ohms                 |
| Excitation Voltage, Typical           | 10 VDC or VAC rms        |
| Excitation Voltage, Maximum           | 15 VDC or VAC rms        |
| Insulation resistance                 | >5,000 megohms at 50 VDC |
| Overload, Safe                        | 150% over Capacity       |
| Overload, Ultimate                    | 200% over Capacity       |
| Deflection at Rated Capacity, Approx. | 0.0015 inch              |
| Construction                          | Tool Steel               |

| Cable Pin Configuration | Receptacle Type |              | Load Cell Cable |              |
|-------------------------|-----------------|--------------|-----------------|--------------|
|                         |                 |              |                 |              |
| 1                       | Green           | + Excitation | Gray            | + Excitation |
| 2                       | Black           | - Excitation | Gray stripe     | - Excitation |
| 3                       | White           | + Signal     | Orange          | + Output     |
| 4                       | Red             | - Signal     | Orange stripe   | - Output     |



View of  
Receptacle