

**TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS**

SI No.	Description of items	Quantity
PUR/122/ADA/AP/E/2020-21		
01.	Subminiature Tension Load-cell [Capacity: 50 N (10 lbs) $\pm$ 5N]	05 Nos.
02.	Tension Load-cell [Capacity: 250-500 N] (Details specifications are as per ANNEXURE-I)	01 No.

**1. INSTALLATION/COMMISSIONING**

1.1. NOT APPLICABLE

**2. WARRANTY**

2.1. As per standard OEM's terms.

## Annexure-I

### Load-cell specifications

1. Subminiature Tension Load-cell: 05 Nos.
  - Capacity: 50 N (10 lbs)  $\pm$  5 N
  - Type: in-line,
  - Mechanical connections: in-line, threaded male or female on both sides,
  - Max. diameter: 15 mm,
  - Max. height (excluding threaded stud length, if any): 12 mm,
  - Excitation: 5 -10 V DC
  - Rated output: 1 mV/V or higher
  - Accuracy:  $\pm$ 0.5% BFSL or better,
  - Temperature compensated
  - Cable: 1.5 m (min.) Shielded cable
  
2. Tension Load-cell: 01 No.
  - Capacity: 250 - 500 N
  - Type: in-line or pancake,
  - Mechanical connections: threaded male or female,
  - Max. diameter: 90 mm,
  - Max. height (excluding threaded stud length, if any): 40 mm
  - Excitation: 5 -10 V DC
  - Rated output: 1 mV/V or higher
  - Accuracy:  $\pm$ 0.5% BFSL or better
  - Temperature compensated
  - Cable: 1.5 m (min.) Shielded cable

*Items not available on gear.*

*Domestic*  
*03/08/2020*