

TRANSDUCERS *CALL*

TRANSDUCERS — LOAD CELLS

STRAIN GAUGE TYPE

| RANGE | OHMAGE | MANUFACTURER | PART NO. | STOCK NO. |
|----------------------------------|------------------------------------|----------------|------------------|-----------|
| 0-250 | 0-5 VDC Ext. 24 VDC | SETRA | 204 with Readout | TD2417 |
| RANGE/PSIG | | | | |
| 0-5 | 10 VDC Excitation | SENSOTEC | TJE/756.01 | TD2418 |
| 0-25 | 0-5 V Ext. 24 VDC | SETRA | MOD204E | TD2413 |
| 0-50 | 350 | TELEDYNE/TABER | 254 | TD2400 |
| 0-100 | 350 | TELEDYNE/TABER | 254 | TD2401 |
| 0-200 | 350 | VIATRAN | 3185AP2AAA20 | TD2410 |
| 0-500 | 350 | TELEDYNE/TABER | 206 | TD2402 |
| 0-500 | 350 | VIATRAN | 1182AU2AT290 | TD2403 |
| 0-1000 | 350 | STATHAM | PG146TCq-1M-350 | TD2415 |
| 0-3000 | 0-3 V Ext. 24 VDC | SETRA | MOD204 | TD2414 |
| 0-3500 | 350 | CEC | 4-326 | TD2416 |
| 0-5000 | | VIATRAN | 2406BF2R880 | TD2406 |
| 0-5000 | 350 | DATA INST. | PB519S-4 | TD2409 |
| PSIS/PSIG | | | | |
| 0-10,000 | Input: 9-28 VDC Output: 4-20 mA | SENSOTEC | A5/F012-02A5C | TD2404 |
| 0-10,000 | Exc. 10 VDC | SENSOTEC | A-5/6046=01ASG | TD2405 |
| 0-25,000 | Exc. 10 VDC | OEOmega | PX931-025GV | TD2407 |
| RANGE/PSID BI-DIRECTIONAL | | | | |
| 0-5 | 0-5 V Ext. 24 VDC | SETRA | MOD228 | TD2412 |

LOAD CELLS *CALL*

| RANGE/OR CAPACITY | OHMS-BRIDGE RESISTANCE | FUNCTION | MANUFACTURER | TYPE | STOCK NO. |
|-------------------|------------------------|----------|------------------|------------------|-----------|
| 10 psig | 1.722 mV @ 10 lb. | C & T | ESA, INC. | LRA-10 | LC2401 |
| 100 lbs. | 350 1 MV/V | COMP | TRANSDUCER INC. | WTL-FF22-CS-100 | LC2159 |
| 500 lbs. | EXC. 10.0 VDC | C & T | SENSOTEC | 41/571-07 | LC2500 |
| 500 lbs. | Dual: 350/350 | C & T | TRANSDUCERS | U62H-500-C2Y1 | LC2402 |
| 1000 lbs. | Dual: 350/350 2 MV/V | C & T | TRANSDUCER INC. | U492-1K | LC2162 |
| 1000 lbs. | 350 2 MV/V | COMP | TRANSDUCER INC. | WTL-FF22-CS-1K | LC2160 |
| 1000 lbs. | Dual: 350/350 | C & T | TRANSDUCERS | U63H-1K | LC2106 |
| 1000 lbs. | 350 | C & T | TRANSDUCERS | UG3H-1K | LC1171 |
| 2000 lbs. | 120 | C & T | BLH | U-1 | LC2158 |
| 2000 lbs. | Dual: 350/350 | C & T | TRANSDUCERS | U63H-2K | LC2107 |
| 3000 lbs. | Dual: 350/350 2 MV/V | C & T | TRANSDUCER INC. | U492-3K | LC2163 |
| 3000 lbs. | Dual: 350/350 | C & T | TRANSDUCERS | U492-3U492-3K | LC2100 |
| 5000 lbs. | 120 | COMP | BLH | C | LC2003 |
| 5000 lbs. | 120 | C & T | DATA INSTRUMENTS | JP05000D | LC2103 |
| 10,000 lbs. | Triple: 350/350/350 | TENSION | TRANSDUCERS | WTL-MM182-CT-10K | LC2102 |
| 0-20,000 lbs. | 350/350 | C | ORMOND | BCL-FF39-OD-20K | LC9706 |
| 25,000 lbs. | 350 | COMP | TRANSDUCERS | BCL-PB39-CS-25K | LC2112 |
| 50,000 lbs. | 350/350 | COMP | TRANSDUCER INC. | BCL-FF-35-CD-50K | LC9601 |
| 50,000 lbs. | 350 | COMP | TRANSDUCERS | BCL-FFL-35CD-50K | LC1102 |
| 60,000 lbs. | 120 | COMP | BLH | C-1C | LC2113 |
| 75,000 lbs. | Dual: 350/350 2MV/V | COMP | TRANSDUCERS | BCL-PFL35-CD-75K | LC2119 |
| 100,000 lbs. | 350 2MV/V | TENSION | TRANSDUCERS | RTL-FF25-CS-100K | LC2121 |
| 125,000 lbs. | 120 | COMP | BLH | C-1C | LC2115 |

VIBRATION TRANSDUCER

CEC, #4-118-002. Linear velocity vibration transducer. Frequency range 50 to 500 Hz. A permanent magnet voltage generator that produces an AC output voltage that represent vibration velocity, but also retains the input frequency.



The input power is self-generating. Sensitivity 105 ±5 mV/in-sec (vertical position). Linearity +0, -5%. Dynamic range: frequency 50-500 Hz, amplitude 0.20 inch pk-pk, acceleration 1 to 50 G's peak. Coil resistance 800 ohms. Temp. range -65°F to 300°F. Dimensions: body 13/16" dia. x 1-7/32" max. length including connector. Mounting base is triangular with a max. dimension of 1.04" mounting base has three equally spaced 1/8" dia. holes. Bolt hole circle of mounting holes is 1" dia.

Stock #VTD9650



PRESSURE TRANSDUCER

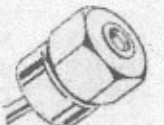
BARKSDALE, #303H2-07CG.

Solid state pressure transducer. 0-300 psig pressure range. 600 psig proof pressure. Employs semiconductor thin film strain gauge technology. Built-in signal conditioning electronics give a 0.5 to 5.5 VDC output, depending upon input pressure. Input power required is 12-32 VDC @ 16 mA. Static error, which includes linearity, hysteresis, and repeatability is ±5% of span. Has a type 17-4 stainless steel diaphragm usable with compatible liquids or gasses. Pressure input port is 1/4X18 NPT male. Electrical connections are via flexible 18" cable. Dimensions: 1-5/16" max. dia. x 4" long.

Stock #TD9050

VIATRAN STRAIN GAUGE PRESSURE TRANSDUCER

#108. 0-10,000 psig. 350 ohm bridge. Excitation voltage: max. input voltage of 15 VAC or DC allows output of up to 45 mV.



SPECIFICATIONS:

Excitation voltage: 15 V max. AC or DC
Output: 3 mV/V min.
Hysteresis: Within ±0.25% FSO
Repeatability: Within ±0.1% FSO
Zero Balance: Within ±5% FSO at 70°F
Media: Any fluid compatible with 303 stainless steel

Stock #TD8090

We have many