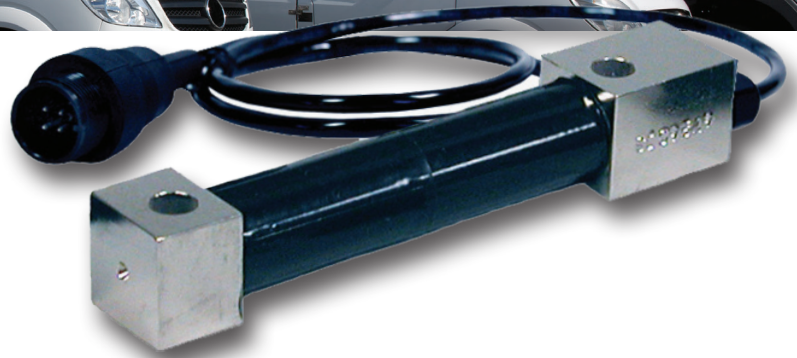


Deflection Transducer

For Applications Requiring Gross Vehicle Weight



Secondary transducers are typically used for on-board applications requiring gross vehicle weight, net vehicle weight and axle group weights on straight trucks.



Key Features:

- Environmentally protected precision strain gage load cell
- Designed specifically for external mounting on vehicle suspensions
- Secondary weight sensing transducer
- Easy bolt-on installation
- Pigtail connector

Applications:

- 3 Ft Pigtail** - Use Part Number 8300370-10R
- 11 Ft Pigtail** - Use Part Number 8300370-11R

**Trojan Transducer - 8300370-10R
8300370-11R**

Applications:

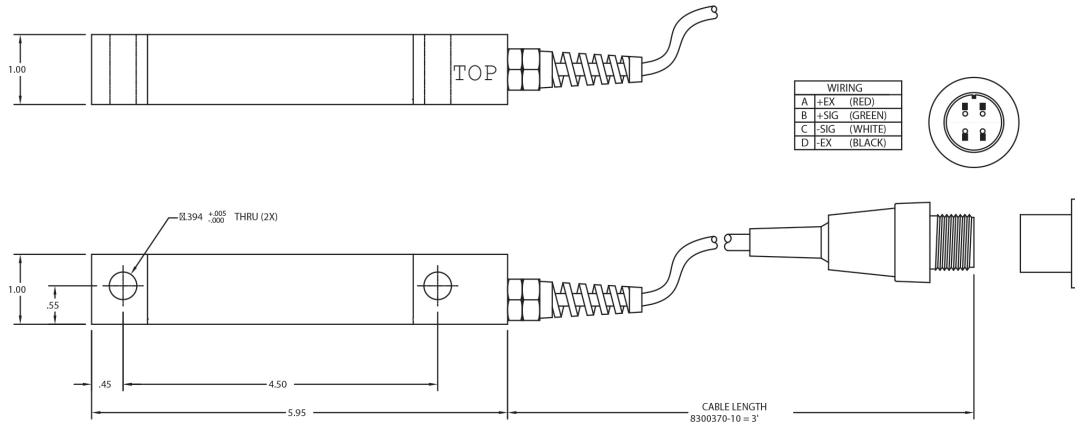
- Forestry/logging
- Bulk hauling
- Aggregate
- Agriculture
- Refuse

5920 South 194th Street | Kent, WA 98032 | USA
Sales Support: 800-638-5111 | Technical Support: 626-202-5047
E-mail: Obw.usa@vpgsensors.com

sionboard.com



Trojan Transducer - 8300370-10R 8300370-11R



Specifications

PARAMETERS	VALUE
Static Capacity	8 lbs (3.6 kg)
Maximum Safe Load	16 lbs (7.6 kg)
Output Without Sealing	1.70mV/V to 1.85mV/V at 3,5 kg
Output With Sealing	1.60mV/V to 1.75mV/V at 3,5 kg
Non-linearity, hysteresis repeatability	$\pm 0.1\%$ of full scale
Creep	$\pm 0.1\%$ of load in 20 minutes
Temperature compensated range	65° to 200° F (-40° to 65° C)
Maximum excitation	15V dc or ac
Impedance	350 Ω min.
Isolation resistance	500M Ω at 50V
Load cell material	Allow steel, nickel-plated
Weight	2.20 lbs (1 kg)

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