

**Interchangeable Products**

HBM®	
<b>BBS</b>	..... page 258
VPG SENSORTRONICS®	
<b>65087</b>	.....
FAIRBANKS®	
<b>3-481XX-1</b>	.....
FAIRBANKS	
<b>3-48660-1</b>	.....
ARTECH®	
<b>40310</b>	.....

**Specifications****Full Scale Output:**

2.0 mV/V

**Bridge Resistance:**50 lb-1,000 lb/750 ohm, nominal  
2,500 lb/347 ohm, nominal**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**Operating range  
-40° F to 150° F/-40° C to 65° C**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Deflection at Capacity:**50 lb=0.015 in (0.38 mm)  
100 lb=0.005 in (0.64 mm)  
200 lb-250 lb=0.030 in (0.76 mm)  
500 lb=0.020 in (0.51 mm)  
1,000 lb=0.040 in (1.02 mm)  
2,500 lb=0.120 in (3.05 mm)**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed with neoprene sleeve, IP65

**Cable Length:**

10 ft (3.1 m)

**Cable Diameter:**

0.200 polyurethane jacket

**Cable Color Code:**Green.....+ Excitation  
Black.....- Excitation  
White.....+ Signal  
Red.....- Signal**Warranty:**

Two-year limited warranty

**Approvals:****Dimensions**

Picture is a representation of actual product

Rated Capacity	A	A1	A2	B	C	D	E	F	G	H
<b>lb/in</b>										
50-100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200-1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12
<b>kg/mm</b>										
22.7-45.4	52.4	7.9	7.9	9.7	22.4	108.0	26.9	35.8	—	—
90.7-453.6	168.2	13.2	13.2	12.7	28.5	108.0	26.9	35.8	—	—
1,134.0	289.1	13.5	15.8	12.7	44.5	209.6	31.8	55.6	30.3	3.00

**Order Information**

Load Rating	Part#	Est. Weight	Price
50 lb	17395	3 lb	Consult
100 lb	17343	3 lb	Consult
200 lb	17396	3 lb	Consult
250 lb	17397	3 lb	Consult
500 lb	17398	3 lb	Consult
1,000 lb	17344	3 lb	Consult
2,500 lb	17345	9 lb	Consult

