

## Specifications

### Input/Output Ranges:

See table on next page. Other switch-selectable ranges possible. See calibration instructions for more complete information, or consult factory.

### Input Impedance:

1 Megohm minimum

### Output Capability:

Voltage:  $\pm 10$  VDC;  $\pm 10$  mA  
Current: 25 mA DC; 20 V compliance

### Zero/Span Controls:

Top-accessible, multi-turn  
Range:  $\pm 15\%$  of span typical

### Excitation:

10VDC maximum at 115 mA nominal; switch-selectable, 0-10 VDC in 1 Volt increments; fine adjust;  $\pm 2.5\%$  via multi-turn

### Excitation Stability:

$\pm 0.1\%$  per degree Celsius

### Response Time:

70 mS standard

### Common Mode Rejection:

Better than 0.02% of span per degree Celsius  
Better than .02% of span per degree Celsius

### Operating Temperature Range:

14° F to 140° F (-10° C to 60° C)

### Power:

Standard: 115 VAC,  $\pm 10\%$ , 50/60 Hz, 2.5 W max  
Optional: 230 VAC,  $\pm 10\%$ , 50/60 Hz, 2.5 W max  
12 VDC versions available; consult factory for availability

### Approvals:

Model API 4058G: UL listed; consult factory for numbers

### Weight:

Approximately 2 lb (0.9 kg)

### Dimensions:

(W x H x D) 1.75 x 2.75 x 2.38 in (not including socket)

### Warranty:

One-year limited warranty



API 4058G Bridgesensor

## Standard Features

- User-selectable input/output ranges and excitation voltages
- Convenient setup via rotary and slide switches
- Excitation voltage at 115 mA (10 V) drives four 350-ohm load cells
- LED input/output signal indicators
- Selectable voltage or current outputs
- Functional test pushbutton

## Part Number/Price

Part #	Description	Est. Weight	Price
22778	API 4058G Bridgesensor	2 lb	\$615.00

## API 4058G Input/Output Ranges

Input Spans	Outputs Voltage	Current
0-5 mV 0-100 mV	0-1 V 0-8 V	0-2 mA
0-10 mV 0-200 mV	0-2 V 2-10 V	0-10 mA
0-20 mV 0-250 mV	0-4 V 0-10 V	2-10 mA
0-25 mV 0-300 mV	0-5 V	0-16 mA
0-30 mV 0-400 mV	1-5 V	4-20 mA
0-40 mV 0-1000 mV	$\pm 5$ V	0-20 mA
0-50 mV 0-1200 mV	$\pm 10$ V	