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Find the *OMEGA DP25B-S-A* at our website: *Click HERE*

ECONOMICAL STRAIN INDICATORS WITH BUILT-IN SENSOR EXCITATION



DP25 Series
$245

Shown Smaller Than Actual Size

- **4-Digit Display, -1999 to 9999 counts**
- **Excitation Supply, Front Panel Tare and Peak Hold Standard**
- **Accepts Voltage, Current or Millivolt Inputs**
- **Easily Scaled to Display Readings in Engineering Units**

The OMEGA® DP25-S is a low cost digital panel meter for use with voltage, current or bridge-type transducers. For bridge sensors, the DP25-S has a ratiometric input to correct for variations in excitation voltage. Standard features include a front panel tare button and a peak hold feature. Options include dual 6 amp alarm relays and a scalable analog output configurable for 0 to 10 V or 4 to 20 mA.

SPECIFICATIONS

Accuracy (@ 25°C/77°F): ±0.02% of reading
Operating Temp.: 0 to 50°C (32 to 122°F)
Span Temp. Coefficient: ± 50 ppm/°C
Storage Temperature: -40 to 185°F (-40 to 85°C)
Relative Humidity: 95% at 104°F (40°C) (non-condensing)
CMRR: 120 dB
Common Mode Voltage: 1500 V peak per HV test 354 V peak per IEC spacing
NMRR: 60 dB
Display: 4-digit, red LED, 0.56 in (14 mm) high
Display Range: -1999 to 9999 counts
Conversion Rate: 3/second
Step Response: 1-2 seconds
Relays: Dual 250 Vac, 6 amp, SPDT
Analog Output: Scalable 0 to 10 V or 4 to 20 mA

POWER REQUIREMENTS

Voltage: 115 (std) or 230 Vac (optional) ±15%
Frequency: 48 to 60 Hz
Power Consumption: 6 watts maximum

MECHANICAL SPECIFICATIONS

Bezel: (96 x 48 x 7 mm) (3.78 W x 1.89 H x .30 in D)
Panel Cutout: (92 x 45 mm) (3.622 W x 1.772 in H)
Depth Behind Panel: 5.6 in (142 mm)

MOST POPULAR MODEL HIGHLIGHTED

To Order *(Specify Model Number)*

MODEL NO.	PRICE	INPUT RANGES*	EXCITATION
DP25-S	**245**	0-100 mV, ±50 mV, 0-10V ±5V, 0-20mA, 4-20mA	24 V @ 25 mA or 12 V @ 50 mA 5 V @ 60 mA or 10 V @ 120 mA

**Input ranges and excitation are user selectable.*

Ordering Example: DP25-S-AR** is a 115 Vac powered digital strain meter with analog and relay output options, $245 + 80 + 70 = **$395.

OPTIONS (NOT FIELD INSTALLABLE)

SUFFIX	PRICE	DESCRIPTION
-230	**N/C**	230 Vac power
-DC10/32	**$95**	10 to 32 Vdc power
-DC26/32	**120**	26 to 56 Vdc power
-A	**80**	Scalable analog output
-R	**70**	Dual 6 amp alarm relays
-GN	**n/c**	Green Display

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s, Thermocouples Thermowells and Head and Well
s, Transmitters, Wire

and Level

y Indicators, Doppler Flowmeters, Level
ent, Magnetic Flowmeters, Mass Flowmeters,
s, Pumps, Rotameters, Turbine and Paddle Wheel
s, Ultrasonic Flowmeters, Valves, Variable Area
s, Vortex Shedding Flowmeters

nd Conductivity

ity Instrumentation, Dissolved Oxygen
tation, Environmental Instrumentation, pH
and Instruments, Water and Soil Analysis
tation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters

• *click here to go to the omega.com home page* •

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

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