

## Part Number/Price

Part #	Description	Est. Weight	Price
156794	SCT-30 converter with Analog Output	1 lb	Consult
156834	SCT-30 converter with Analog Output in enclosure	1 lb	Consult

# **Options/Accessories**

Part #	Description	Est. Weight	Price
88792	12 VDC 1.2 A DIN rail mount power supply	1 lb	Consult
119244	24 VDC 1.3 A DIN rail mount power supply	1 lb	Consult
131129	Installation manual	1 lb	Consult
199707	DIN rail clip right & left end clamp		Consult

## **Standard Features**

- LCD display
- Powers up to eight (350 ohm) load cells in parallel (with a 24-bit A/D converter)
- A/D converter 24-bit 4.8 kHz
- 16-bit analog output: 0-20 mA, 4-20 mA, 0-5 V, 0-10 V,  $\pm$  5 V and  $\pm$  10 V
- · Mounting on Omega/DIN rail for back panel or junction box
- Diagnostic message for load cell disconnect and over-capacity errors

## **Specifications**

### Power:

Input: 12 to 24 VDC

#### **Power Consumption:**

#### **Excitation Voltage:**

5 VDC, 120 mA,  $8 \times 350$  ohm load cells

# Analog Signal Input Range:

± 39 mV

### **Analog Signal Sensitivity:**

 $0.3 \, \mu V/graduation \, minimum$ 1.0 µV/graduation recommended

# A/D Sample Rate:

300 Hz

#### Resolution:

Internal: 16,000,000 counts

#### System Linearity: ± 0.01% full scale

# **Communication Ports:**

RS-485

# **Analog Output:**

Opto isolated, 16 bit

0-20 mA, 4-20 mA (max 300 ohm) 0-10 VDC, 0-5 VDC (min 10 k ohm)

# Display:

Eight-digit alphanumeric tow line LCD, 5 mm high

# Keys/Buttons:

Control knob and DIP switches

#### **Dimensions:**

(L × W × H) 3.74 × 3.54 × 2.36 in (95 × 90 × 60 mm)

# Temperature:

Operating: -4 °F to 140 °F (-20 °C to 60 °C)

### **Humidity:**

85% non-condensing

## Rating/Material:

DIN rail mount: NEMA Type 1

### Weight:

1 lb (0.5 kg)

# Warranty:

One-year limited

### Approval:

cULus Recognized