



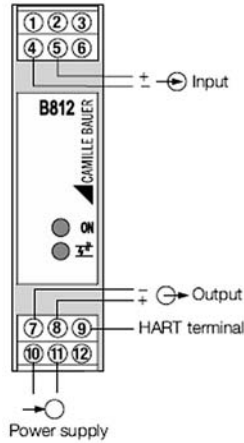
Sineax B 812 and B 840 Loop Power Supplies

B 812 Loop Power Supplies with Signal Transfer Output

- 17 VDC Output
- HART Communications Standard
- Diagnostic LEDs for Operational Status & Loop Fault
- Removable Plugs for Easy Hookup

Specifications

- Input**
4-20 mA
- Output**
4-20 mA, 17 VDC no load
- Indicators**
Green power LED
Red LED for open or short circuit monitoring
- Source Resistance**
350 Ω
- Burden**
Permitted load: 750 Ω, 550 Ω with HART
- Temperature**
Operation: -20 to 50°C
Storage: -20 to 70°C
- Dielectric Test**
3600 VAC
- Power**
20-70 VAC/VDC or 60-265 VAC/VDC
45-400 Hz for AC



ISO 9001 : 2000

B 812



Removable Plugs for Easy Hookup

Description and Features

The B 812 power supply unit provides DC power for 2-wire transmitters and transfers the measured variable unchanged to the electrically isolated output. Standard FSK communication is used with intelligent HART capable 2-wire transmitters.

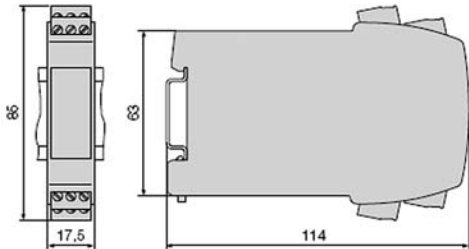
Provision is made for monitoring the measurement/supply to detect short and open-circuits. Either of these faults is signalled by the red LED.

Models

Model	Output	Power
812-155110	17 V @ 0 mA 4-20 mA, HART	20-70 VAC/VDC
812-155128	17 V @ 0 mA 4-20 mA, HART	60-265 VAC/VDC

See www.apicb.com for technical data sheet or consult factory.

API maintains a constant effort to upgrade and improve its products. Specifications are subject to change without notice. Consult factory for your specific requirements.

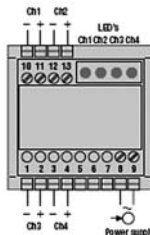


B 840 Four Channel Loop Power Supplies

- 4 Isolated Power Supplies in One Package
- 24 VDC Output Limited to 25 mA
- LED Monitor for Each Channel

Specifications

- Input**
Four independent 4-20 mA loops
- Supply Voltage**
24 V at 20 mA
- Burden**
Permitted load: 750 Ω
- Temperature**
Operation: -10 to 55°C
Storage: -40 to 70°C
- Power Supply**
24 VAC, 115 VAC, or 230 VAC



ISO 9001 : 2000



The B 840 provides DC power for 2-wire 4-20 mA transmitters. There are four power supply outputs available. Each power supply output is monitored by a green LED. The corresponding green LED is continuously lit when the measuring/supply circuit is closed.

Model	Output	Power Supply
840-147-464	4 Channels, 24 V @ 20 mA	24 VAC
840-147-472	4 Channels, 24 V @ 20 mA	115 VAC
840-147-480	4 Channels, 24 V @ 20 mA	230 VAC

See www.apicb.com for technical data sheet or consult factory.

