POWERPAK
On-Demand Power Source for Field Instrumentation

INDUSTRIAL BATTERY-POWERED POWER SUPPLY
SMALL FACTOR THAT SCREWS INTO INSTRUMENT
CLASS 1 DIVISION 1 CERTIFIED
NO SOFTWARE REQUIRED TO SETUP

FEATURES

- External on-demand push-for-power button
- Class 1 Division 1 certified for hazardous locations
- Industrial enclosure for outdoor use
- Settable on-time power with dip switches
- Powers 4-20mA field devices and loop-powered external display
- Replaceable battery easily replaceable
- Long battery life (350 hours @ 4mA)

DIMENSIONS

TYPICAL APPLICATION

4-20mA Transmitter

PowerPak

Loop Powered display
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TECHNICAL SPECIFICATIONS

Operating Temp
-40 to 185°F (-40ºC to 85ºC)

Humidity
0% to 100% condensing

Power
One (1) 3.6Vdc D side size Lithium Thionyl Chloride battery

Output
18.9Vdc @ 4mA
15.7Vdc @ 20mA
See chart below

Settable On Time
Field selectable from dip switches:
  1 min, 2 min, 5 min, 10 min, Always On
No software required

Battery Life
  • 350 hours @ 4mA
  • 100 hours @ 12mA
  • 50 hours @ 20mA

Safety Rating
Class I, Division 1, Groups C-D, T3
Class I Zone 0 AEx ia IIB T3 Ga
Ex ia IIB T3 Ga; -40ºC ≤ Tamb ≤ +50ºC

Enclosure
IP64 Industrial polycarbonate UV rated

Electrical Connections
1/2” NPT external connection
16 awg internal screwed terminals

Weight
1lb (0.6kg)

Dimensions
4.9” x 3.7” x 2.2”
12.4cm x 9.1cm x 5.7cm

HOW TO ORDER

Model:
PowerPak-1BIS