

POWERPAK

On-Demand Power Source for Field Instrumentation

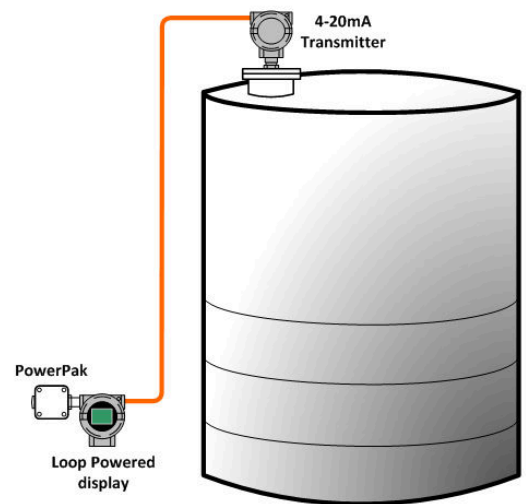
INDUSTRIAL BATTERY-POWERED POWER SUPPLY
SMALL FACTOR THAT SCREWS INTO INSTRUMENT
CLASS 1 DIVISION 1 CERTIFIED
NO SOFTWARE REQUIRED TO SETUP



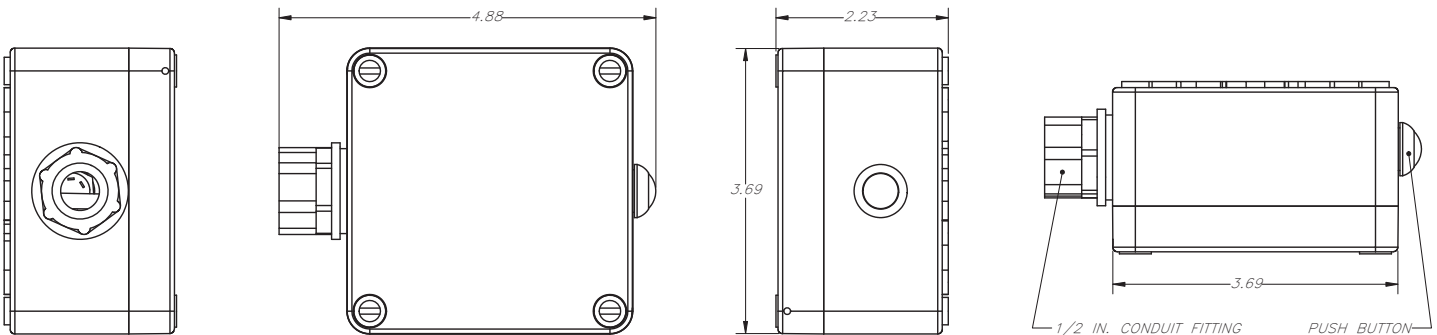
FEATURES

- 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)

TYPICAL APPLICATION



DIMENSIONS



POWERPAK

On-Demand Power Source for Field Instrumentation

TECHNICAL SPECIFICATIONS

Operating Temp

-40 to 185°F (-40°C to 85°C)

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; $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$

Enclosure

IP64 Industrial polycarbonate
UV rated

Electrical Connections

1/2" NPT external connection
16 awg internal screwed terminals

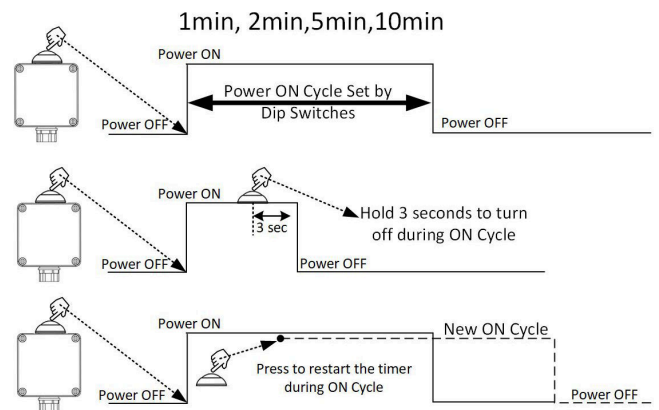
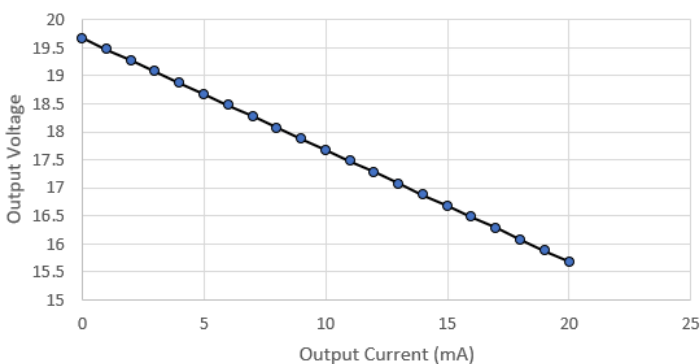
Weight

1lb (0.6kg)

Dimensions

4.9" x 3.7" x 2.2"
12.4cm x 9.1cm x 5.7cm

PowerPAK Output Electrical Characteristics



HOW TO ORDER

Model:

PowerPak-1BIS

Dip Switches set
ALWAYS ON

