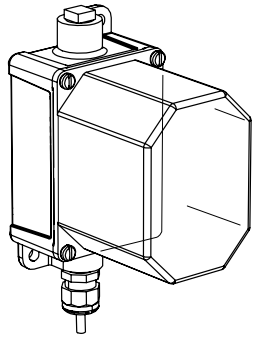
SureCross DX81P6 FlexPower Supply Module

Datasheet



- Wireless solution for powering a FlexPower Node and sensor device
- Unique power management system to run the FlexPower Node and a device through switched power outputs for up to 5 years, depending upon the power requirements of the device
- Six 3.6 V dc lithium “D” cell batteries
- IP67 sealed enclosure

FlexPower systems allow for a true wireless solution as the Node can be powered by battery power (3.6 to 5.5 V dc). Battery life is application specific. Contact Banner Engineering’s application engineers for a battery life calculation for your specific application.

For additional information, updated documentation, and accessories, refer to Banner Engineering's website, *www.bannerengineering.com/surecross*.

Model	Power	Batteries	Cable
DX81P6	3.6 V dc battery	Six 3.6 V Lithium "D" Cells	5-pin Euro pigtail QD

Specifications

Estimated Battery Life
114,000 mA·hours

Housing
Polycarbonate housing and rotary dial cover; polyester labels; EDPM rubber cover gasket; nitrile rubber, non-sulphur cured button covers
Weight: 0.98 kg (2.15 lbs)
Mounting: 1/4-inch or M7 (SS M7 hardware included)
Max. Tightening Torque: 0.56 N·m (5 lbf·in)

Wiring Access
One 1/2-inch NPT with 5-pin Euro-style 150 mm pigtail QD

Operating the devices at the maximum operating conditions for extended periods can shorten the life of the device.

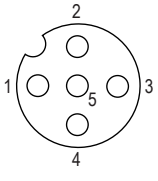
Environmental Rating
IEC IP67; NEMA 6; (See UL section below for any applicable UL specifications)

Operating Conditions
Operating Temperature: −40 to 85 °C
Operating Humidity: 95% max. relative (non-condensing)
Radiated Immunity: 10 V/m, 80-2700 MHz (EN61000-6-2)

Shock and Vibration
IEC 68-2-6 and IEC 68-2-7
Shock: 30g, 11 millisecond half sine wave, 18 shocks
Vibration: 0.5 mm p-p, 10 to 60 Hz

5-pin Euro-Style Female Wiring for DX81

Use the battery supply module to power FlexPower® devices only.

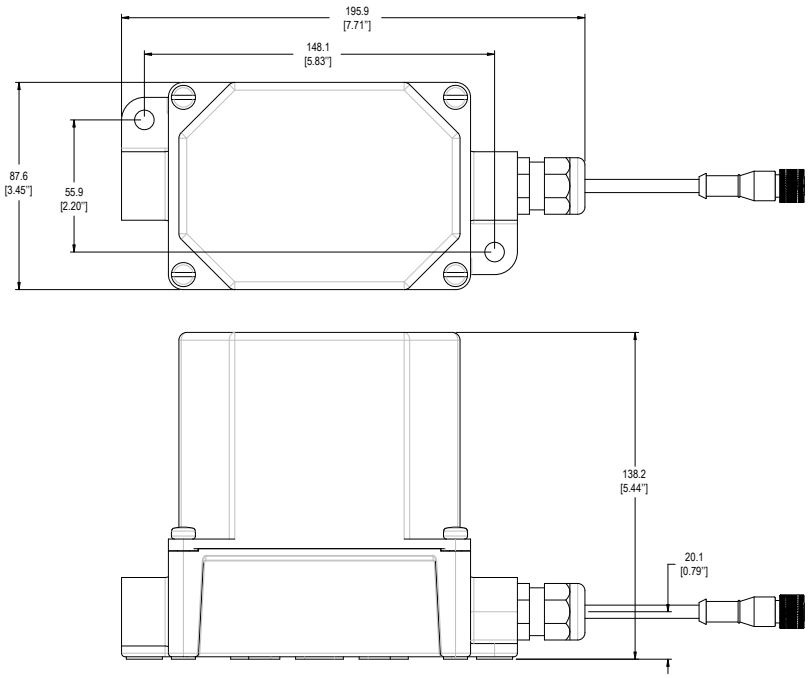
5-pin Euro-Style Female Connector	Pin	Wire Color	Description	DX80...C Terminals
	3	Blue	dc common (GND)	V-
	5	Gray [1]	3.6 V dc	B+

[1] Do not apply more than 5.5 V dc to the gray wire.

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ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

DX81P6 Dimensions



Warnings

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