



when reliability is critical™

Reliability and Specification Data
NEMA 4 (IP66) C900X Series Industrial Switchpad

Document # 820143

Revision 4-1-2011

Industrial Switchpad Features

- Molded rubber elastomer keys (Gray or Black) rated for 10 million cycles
- Keys: 2mm travel with excellent tactile feedback
- Legends are silicon ink, oven cured, so as to thermally fuse the ink to the rubber
- Optional customized legends or elastomer color
- Made in the USA

Electrical

Power

@ 5VDC, limit current to < 1mA.

Environmental

Operating Temperature

-40°C to 80°C (standard)

Storage Temperature

-40°C to 80°C

Relative Humidity

100% non-condensing (with "Z" option)

Sealing & Protection

Water Resistant

NEMA 4 (IP66)

Protection

Syn-Proof™ coating resists most oils and harsh chemicals

Optional Parylene® coating available

Reliability

MTBF

Greater than 100,000 hours

Life

10,000,000 activations

Keys

Sealed "Hard" gold plated switch contacts

Shock

Peak, Pulse, waveform:

50g 11msec. half sine

Vibration

Frequency

Displacement (inches)

5-25 Hz

0.1

25-55 Hz

0.03

Certifications/Compliance

Compliant with FCC class A and B regulations

"CE" classification option requires the following modifications:

a.) Shielded enclosure and shielded cable (made by customer)

Restriction of Hazardous Substances Directive or RoHS Compliant (Pb free)

ESD rated to 15KV