

CPI® Limit Switches, J4 Series



High-Pressure / High-Temperature Designs

Our high-performance plunger switches use the same patented ball carrier design of the J4 ball switch, adding enhanced actuator capabilities, including additional overtravel, hardened plungers, and higher temperature capability to 400F. Available with normally open or normally closed contacts, these ultra-rugged plunger switches can be found in the harshest environments, including diesel generators, coking ovens, under military vehicles, various marine and amphibious applications.

J4 Plunger Switches are ideal for the harshest heavy industrial equipment applications. They are completely submersible and are unaffected by water, salt spray, humidity, dirt, dust, sand, icing, oil, shock and vibration, temperature extremes or power washing operations

GENERAL SPECIFICATIONS:

Electrical Rating: 5 amps @ 28VDC

Endurance: 100,000 electromechanical cycles at full-rated load. Other electromechanical ratings available - please consult the factory.

Temperature resistance: -50°F to 400°F

Pressure Rating: up to 50 psi (actuator withstanding)

Travel parameters:

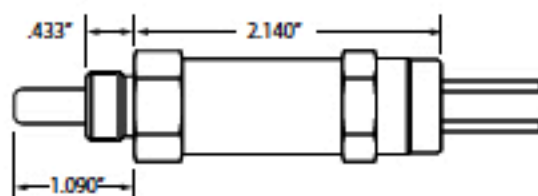
Pre-travel: .004" min., .032" max.

Over-travel: varies by model

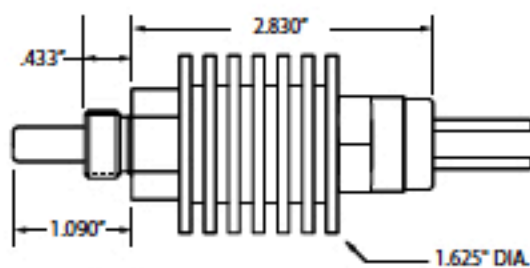
Material: stainless steel

Standard wire: 16 AWG, GXL insulation

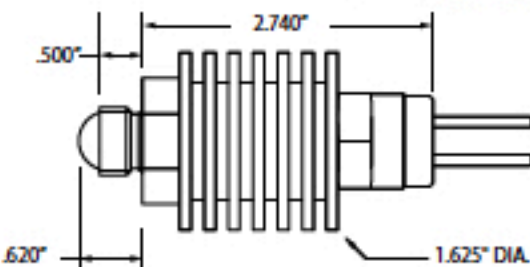
Circuit: SPST momentary, NO and NC available.



7/8" both hexes
Mounting: M16 x 1.5
Travel Parameters: please contact factory
Total Actuator Travel: .657" (approx.)



Mounting: 5/8-18UNF-2A
Travel Parameters: please contact factory
Total Actuator Travel: .657" (approx.)
Operational Temperature: up to 302F



Mounting: 3/4-16UNF-2A
Travel Parameters: please contact factory
Total Actuator Travel: .110" (approx.)
Operational Temperature: up to 400F



High-temperature Ball Actuator
operation temperature to 400F

Our high-temperature and high-pressure designs can be customized to your specifications.

Please contact the factory to discuss your application and for further information on this product.