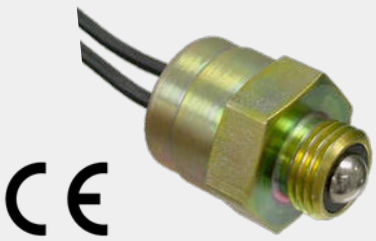
J4001-546
WATERPROOF BALL SWITCH



- **Plated Steel Body**
- **SPST, normally-open**
- **Operating temp -40 to 257°F / -40° C to 125° C**

CPI J4 series Ball Switches are as tough as they come, seeing field use in some of the toughest operational environments in the world. Originally designed for demanding military vehicle applications, the J4 Series switches replace standard ball switches in applications such as neutral safety switch, where harsh environments caused high failure rates. At the heart of the J4 is a patented ball carrier design which prevents contaminates such as mud, dirt, ice, sand, dust, etc. from jamming the ball. These switches are also ideal for heavy industrial equipment applications that are subject to the same conditions. The switches are completely submersible and are unaffected by water, salt spray, humidity, dirt, dust, sand, icing, oil, shock and vibration.

Typical Applications

- **Back-up Alarm Switch**
- **Cab Down Sensor**
- **Compartment Door Light Switch**
- **Door Interlock**
- **Door Switch**
- **Interlock Switches**
- **Nozzle Position Sensing**
- **Outrigger Position Sensing**

Specifications	
Electrical Rating	28 VDC, 5A inductive
Electrical Configuration	SPST, NO
Operating Temperature	-40 to 257°F / -40 to 125°C
Body Material	plated steel

Travel Parameters	pretravel (average minimum) 0.32“ (0.93 mm)
Total Travel (to top of bushing)	0.104“ - 115“ (2.64 - 2.92 mm)
Leads	16 AWG GXL insulated wire, 24“ / 609.6 mm length

Dimensions

