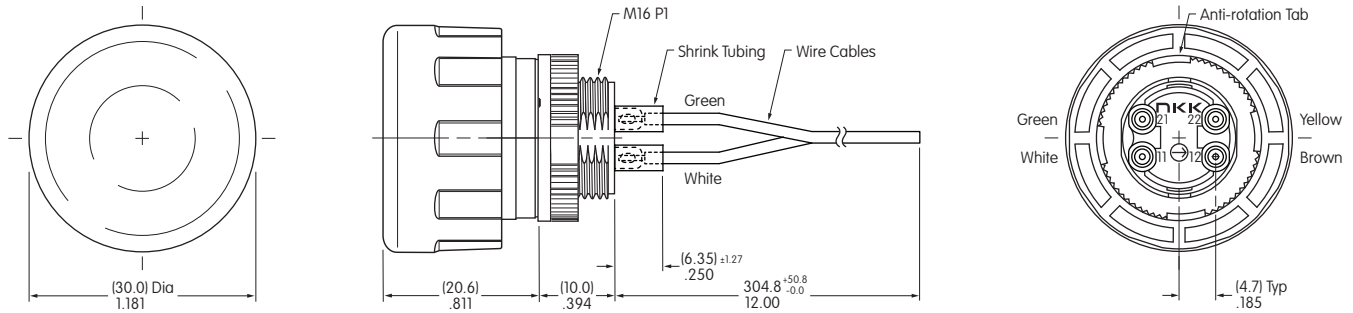


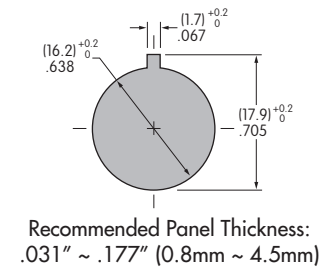
## FF0126BBCEEAO1-WL



### DOUBLE POLE SOLDER LUG

Base Switch	Pole & Throw	Plunger Position		Connected Terminals		Throw & Switch Schematics
		Normal	Down	Normal	Down	
FF0126BBCEEAO1	DPST	ON	OFF	11-12 21-22	OPEN	Note: Terminal numbers are on the switch. DPST NC 

### PANEL CUTOUT



### Wiring

Number of Wires	Terminal 11	Terminal 12	Terminal 21	Terminal 22
4	White	Brown	Green	Yellow

### Wire Specifications

UL1007/UL1569 PVC	Temperature: +80°C and +105°C (+176°F and +221°F)
Voltage: 300V	
22 AWG Stranded	Stripped Wire Ends .142" (3.6mm)

## Base Switch Specifications

### Electrical Capacity

Resistive Load: 0.5A @ 24V DC

### Other Ratings

Rated Insulation Voltage: 36V DC

Impulse Withstand Voltage: 2.5kV

Contact Resistance: 50 milliohms maximum

Insulation Resistance: 100 megohms minimum @ 500V DC

Mechanical Life: 100,000 operations minimum

Electrical Life: 100,000 operations minimum

Operating Force: Push to lock 10.8N; Pull to reset 8.5N;  
Turn to reset 0.13N\*m

Minimum Direct Operating Force: 15N

Short Circuit Protection: gG10A

Conditional Short Circuit Current: 1000A

Minimum Positive Opening Travel: .118" (3.0mm)

Total Travel: .177" (4.5mm)

Operation Frequency: 10 times per minute

Overvoltage Category: II

### Materials & Finishes

Actuator: Glass fiber reinforced polyester (PBT)

Housing: Glass fiber reinforced polyamide

Movable Contacts: Silver alloy copper with gold plating

Stationary Contacts: Silver alloy copper with gold plating

Terminals: Brass with tin plating

### Environmental Data

Operating Temperature Range: -25°C ~ +60°C (-13°F ~ +140°F)

Storage Temperature Range: -45°C ~ +80°C (-49°F ~ +176°F)

Humidity: 90 ~ 95% humidity for 240 hours @ +40°C (+104°F)

Vibration: 10 ~ 500Hz, amplitude 0.35mm. Acceleration 50m/s<sup>2</sup>

Shock: Durability: 1,000m/s<sup>2</sup>; Malfunction: 150m/s<sup>2</sup>

Pollution Degree: 3

Sealing: Meets IP65 of IEC 60529 Standards at front panel

### Installation

Mounting Torque: 785mN\*m

Soldering Time & Temperature: Manual Soldering: 390°C max for 4 seconds max, 2 cycles

RoHS Compliant:



### Standards & Certifications



UL, C-UL (UL508)



EN 60947-5-1, EN 60947-5-5



Optional Accessories Available: Protective Guard, Nameplates With or Without Legends, and Socket Wrench. Contact NKK Switches Sales Dept.