

# Switching probe

## SKS-465 002 300 A 2002 SF

Item SKS-465-0167



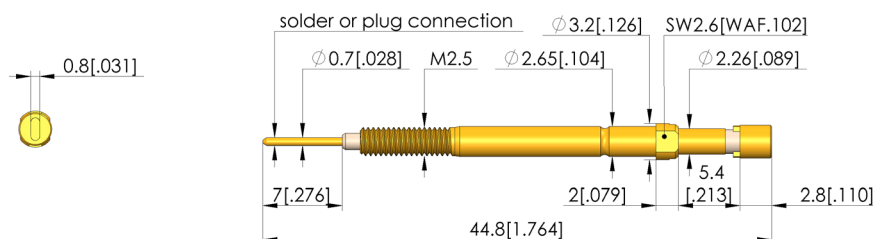
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- For a wide range of applications: performs components detection check, is a switch for detecting closed/open states, and a signal transmitter for process control
- Various collar heights are available on the receptacles to adjust the installation height
- The installation height can be varied, and the position of the switching point can be precisely adjusted via the probe's thread. The SKS is secured in the correct position by crimp point in the KS.
- The electrical connection is ensured by installation using a receptacle, optionally available with a quick-change system for easy exchange during maintenance

### INGUN SELECTION



### General data

Product group: Switching probes  
 Sub-product group: SKS (screwed-in)  
 Series: SKS-465 SF quick-exchange/ plug system, screw-in  
 Grid: 3.5 mm [137 mil]  
 Contacting from: Presence check  
 Magnetic: Yes  
 Installation type: Screw-in  
 Quick-exchange system: Yes  
 Type of test probe connection: Plug  
 Adjustable installation height: Yes  
 Non-rotating: No  
 Screw-in torque: 3 - 5 cNm [.265 - .442 lbf-in]  
 Compatible connector(s): SE-215  
 Compatible receptacle(s): KS-465 M, KS-465 M-F  
 Min. temperature: - 40 °C [- 104 °F]  
 Max. temperature: + 80 °C [+ 176 °F]  
 RoHS-compliant: RoHS-3;6c

### Electrical data

Current load capacity / rated current:

3 A

### Mechanical data

Total length: 44.8 mm [1.76 in]  
 Barrel diameter: 2.65 mm [.104 in]  
 Maximum stroke: 4.5 mm [.177 in]  
 Spring pre-load: 0.5 N [1.79 ozf]  
 Collar height: 02  
 Switch path: 1.7 mm [.066 in]  
 Switching point: 8.5 mm [.334 in]  
 Spring force at switching point: 0.7 N [2.51 ozf]

### Tip style data

Tip style: 002 flat, contact surface insulated  
 Tip diameter: 3 mm [.118 in]  
 Tip style surface: A gold  
 Tip style material: 0 plastic

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