# Switching probe (NO)

## SKS-465 002 450 A 3502 SF

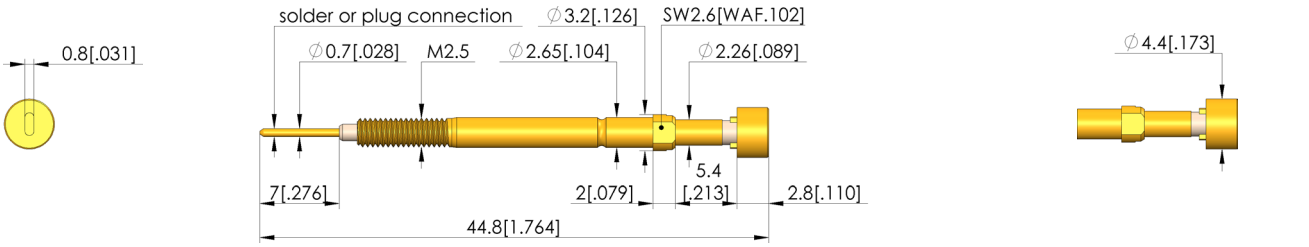
Item SKS-465-0241

GO TO PRODUCT

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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




### General data

| | |
|---|---|
| Product group: | Switching probes |
| Sub-product group: | SKS (screwed-in) |
| Series: | SKS-465 SF quick-exchange/ plug system, screw-in |
| Grid: | 5 mm [196 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: | 5.2 mm [.204 in] |
| Spring pre-load: | 1.02 N [3.66 ozf] |
| Collar height: | 02 |
| Switch path: | 1.7 mm [.066 in] |
| Switching point: | 8.5 mm [.334 in] |
| Spring force at switching point: | 1.8 N [6.47 ozf] |

### Tip style data

| | |
|---|---|
| Tip style: | 002 flat, contact surface insulated |
| Tip diameter: | 4.5 mm [.177 in] |
| Tip style surface: | A gold |
| Tip style material: | 0 plastic |

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