

FM Choice

Switch Probes

# F87516B100G135L

**Item number 1004710**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Type/family | F875-NO |
| Pitch (mm/mil) | 2,54 / 100 |
| Temperature [C°] | -45°C...+100°C |
| Additional definition | L |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 5.00 |
| Typical contact resistance (mOhm) | 65.00 |
| Switch travel (mm) | 1.50 |
| Continuous current 2 (A) | 1.00 |

## Mechanical specifications

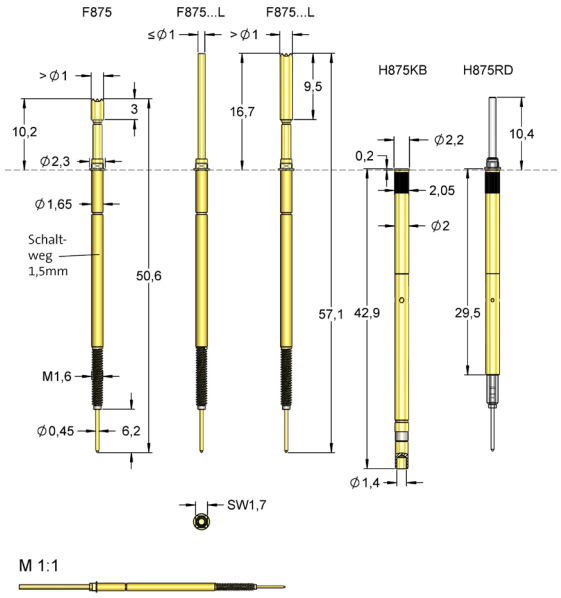
| | |
|---|---|
| Preload (cN) | 30.00 |
| Spring force (cN) | 135.00 |
| Nominal travel (mm) | 4.00 |
| Maximum travel (mm) | 5.00 |
| Pointing accuracy +/- (mm) | 0.08 |
| Thread | M1,6 |
| Tool size (mm) | 1,7 |

## Dimensions

| | |
|---|---|
| Total length (mm) | 57.10 |
| Projection height (mm) | 16.70 |
| Tip style diameter (mm) | 1.00 |
| Barrel diameter (mm) | 1.65 |
| Collar diameter (mm) | 2.30 |
| Press ring diameter (mm) | 2.30 |

## Family drawing

All measurements are in mm.




## Materials & surfaces

| | |
|---|---|
| Tip style | 16 |
| Tip style material | Beryllium cooper |
| Tip style plating | Gold |
| Plunger material | Cooper |
| Plunger plating | Gold |
| Barrel material | Brass |
| Barrel plating | Gold |
| Spring material | Spring steel |
| Spring plating | Silver |