



## Switch Probes

# F87516B100G200L

Order code 1007353

### General

|                       |                     |
|-----------------------|---------------------|
| Design                | Basic Contact Probe |
| 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

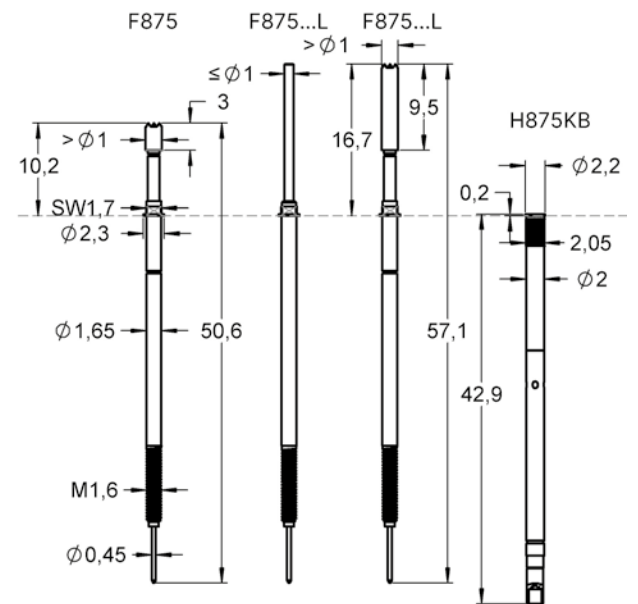
|                            |        |
|----------------------------|--------|
| Preload [cN]               | 50.00  |
| Spring force [cN]          | 200.00 |
| Nominal travel [mm]        | 4.00   |
| Maximum travel [mm]        | 5.00   |
| Pointing accuracy +/- [mm] | 0.08   |
| Thread                     | M1.6   |
| Tool size [mm]             | 1.7    |

### Dimensions

|                          |       |
|--------------------------|-------|
| Total length [mm]        | 57.10 |
| Projection height [mm]   | 10.20 |
| 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               |
| Plunger material | Beryllium copper |
| Plunger plating  | Gold             |
| Barrel material  | Brass            |
| Barrel plating   | Gold             |
| Spring material  | Spring steel     |
| Spring plating   | Silver           |

### Accessories

|                |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------|
| Tool for probe | 1001681-FWZ732,<br>1004610-FWZ732T                                                         |
| Other          | 1001866-H875,<br>1001867-H875-5,<br>1002997-H875KB-5,<br>1004479-H875KB,<br>1006559-H875RD |

Tip style 1

