



## F873 (NC)

5 A | 100 mil | Threaded

### Electrical specifications

|                         |              |
|-------------------------|--------------|
| Temperature [°C]        | -45°...+100° |
| Current [A]             | 5            |
| Current switch [A]      | 1            |
| R <sub>TYP</sub> [mOhm] | <65          |

### Mechanical specifications

|                              |     |
|------------------------------|-----|
| Switch travel [mm]           | 1.5 |
| Preload [cN]                 | 50  |
| Spring force [cN] at nt ±20% | 250 |
| Nominal travel [mm]          | 4.0 |
| Maximum travel [mm]          | 5.0 |

### Materials and plating

|            |              |               |
|------------|--------------|---------------|
| Plunger    | BeCu         | gold plated   |
| Barrel     | Brass        | gold plated   |
| Spring     | Spring steel | silver plated |
| Receptacle | Brass        | gold plated   |

### Accessories

Further receptacles H875 see page 42.

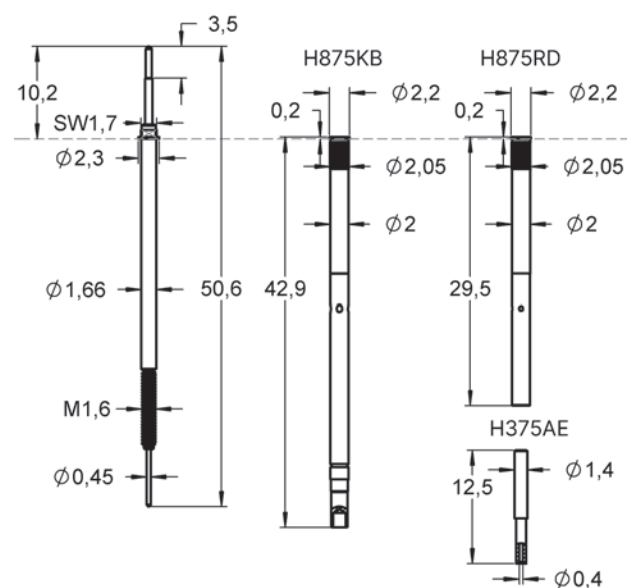
|         |            |                              |
|---------|------------|------------------------------|
| 1004479 | H875KB     | Receptacle                   |
| 1003640 | FEWZ-772E0 | Insertion tool receptacle    |
| 1004610 | FWZ732T    | Screw-in tool probe <Ø2.0 mm |

### Drill size recommendation (mm)

|                       |             |
|-----------------------|-------------|
| Receptacle with knurl | 2.02 - 2.04 |
|-----------------------|-------------|

### Series drawing

All measurements are in mm.



| Order code | Product name   | Tip Style | Tip Ø [mm] | Material/Plating | Force [cN] | Thread [M] | Version | FM Choice |
|------------|----------------|-----------|------------|------------------|------------|------------|---------|-----------|
| 1008837    | F87311B064G250 | 11        | 0.64       | B / G            | 250        | M1.6       | -       | -         |
| 1009368    | F87316B100G250 | 16        | 1.00       | B / G            | 250        | M1.6       | -       | -         |