



## Step Probe 94 mil

### F731SP

|                         |               |
|-------------------------|---------------|
| <b>Centers (mm/mil)</b> | 2,40 / 94     |
| <b>Current</b>          | 5,0 A         |
| <b>Temperature</b>      | -20°C...+80°C |
| <b>R typically</b>      | 30 mOhm       |

#### Spring Force (cN ±20%)

| Preload | Nominal Force |
|---------|---------------|
| 60      | 110           |
| 50      | 150           |
| 50      | 300           |

#### Travel (mm)

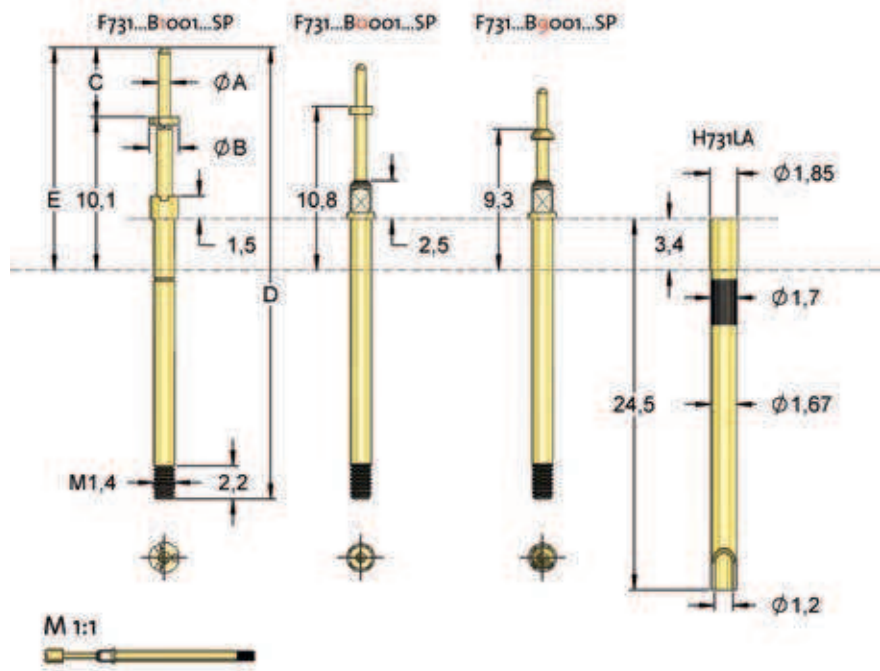
| Nominal           | Maximum                 |
|-------------------|-------------------------|
| 2,0               | 2,75* at tip style 90xx |
| 3,5               | 4,4                     |
| Thread (M)        | 1,4                     |
| Wrench Size       | 1,4                     |
| Pointing Accuracy | ±0,08 mm                |

#### Materials and Plating

|            |                         |
|------------|-------------------------|
| Plunger    | see Tip Style           |
| Barrel     | Brass, gold plated      |
| Spring     | Music wire, gold plated |
| Receptacle | Brass, Gold plated      |

#### Drill Size [mm]

|         |             |
|---------|-------------|
| H731... | 1,67 - 1,68 |
|---------|-------------|



| Type                                                                                                                                           | Number                       | Spring Force           |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------|
| F 731 11 B 0001 G 150 SP                                                                                                                       |                              |                        |
| Tip Style                                                                                                                                      | Material                     | Finish Special Version |
| Material:                                                                                                                                      | B = BeCu                     |                        |
| Number:                                                                                                                                        | see table                    |                        |
| Finish:                                                                                                                                        | G = Gold                     |                        |
| Special Version:                                                                                                                               | SP = Step Probe              |                        |
| Receptacle:                                                                                                                                    | Order Code according drawing |                        |
| At the order code of step probes, instead the coded tip diameter there is a number, by that you can find related head dimensions in the table. |                              |                        |
| ORDER EXAMPLE                                                                                                                                  |                              |                        |

| Order Code        | Typ Style | No.  | Pin-Ø (A) | Plate-Ø (B) | Pin Length (C) | Overall Length (D) | Projection Height (E) | Travel nom. | Travel max. | Screw-In Tool      |
|-------------------|-----------|------|-----------|-------------|----------------|--------------------|-----------------------|-------------|-------------|--------------------|
| F73111B0004G150SP | 11        | 0004 | 0,65      | 1,40        | 5,50           | 31,40              | 16,30                 | 3,50        | 4,40        | FWZ731;FWZ731T     |
| F73111B0002G150SP | 11        | 0002 | 0,65      | 1,50        | 2,80           | 28,70              | 13,60                 | 3,50        | 4,40        | FWZ731;FWZ731T     |
| F73111B0007G150SP | 11        | 0007 | 0,65      | 1,50        | 3,40           | 29,30              | 14,20                 | 3,50        | 4,40        | FWZ731S1;FWZ731T1  |
| F73111B0007G300SP | 11        | 0007 | 0,65      | 1,50        | 3,40           | 29,30              | 14,20                 | 3,50        | 4,40        | FWZ731S1;FWZ731T1  |
| F73111B0001G150SP | 11        | 0001 | 0,65      | 1,50        | 4,00           | 29,90              | 14,80                 | 3,50        | 4,40        | FWZ731;FWZ731T     |
| F73111B0003G150SP | 11        | 0003 | 0,70      | 1,50        | 4,00           | 29,90              | 14,80                 | 3,50        | 4,40        | FWZ731;FWZ731T     |
| F73111B1009G150SP | 11        | 1009 | 0,80      | 2,00        | 4,60           | 29,80              | 14,70                 | 3,50        | 4,40        | FWZ731SP;FWZ731SPT |
| F73112B9008G110SP | 12        | 9008 | 0,65      | 1,50        | 2,70           | 27,10              | 12,00                 | 2,00        | 2,75        | FWZ731;FWZ731T     |
| F73112B9008G150SP | 12        | 9008 | 0,65      | 1,50        | 2,70           | 27,10              | 12,00                 | 2,00        | 2,75        | FWZ731;FWZ731T     |
| F73112B9007G110SP | 12        | 9007 | 0,65      | 1,50        | 3,40           | 27,80              | 12,70                 | 2,00        | 2,75        | FWZ731;FWZ731T     |
| F73112B9001G110SP | 12        | 9001 | 0,65      | 1,50        | 4,00           | 28,40              | 13,30                 | 2,00        | 2,75        | FWZ731;FWZ731T     |
| F73116B0006G150SP | 16        | 0006 | 0,65      | 1,50        | 2,10           | 28,00              | 12,90                 | 3,50        | 4,40        | FWZ731;FWZ731T     |