

Basic Threaded Probes

# F17518B064G150

**Item number 1017294**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Type/family | F175 |
| Pitch (mm/mil) | 1,90 / 75 |
| Temperature [C°] | -45°C...+100°C |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 4.00 |
| Typical contact resistance (mOhm) | 20.00 |

## Mechanical specifications

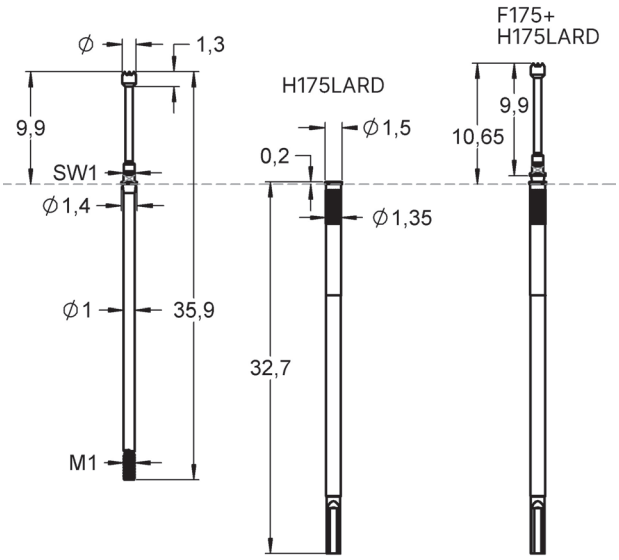
| | |
|---|---|
| Preload (cN) | 70.00 |
| Spring force (cN) | 150.00 |
| Nominal travel (mm) | 4.30 |
| Maximum travel (mm) | 6.40 |
| Pointing accuracy +/- (mm) | 0.08 |
| Thread | M1 |
| Tool size (mm) | 1,0 |

## Dimensions

| | |
|---|---|
| Total length (mm) | 35.90 |
| Projection height (mm) | 9.90 |
| Tip style diameter (mm) | 0.64 |
| Barrel diameter (mm) | 1.00 |
| Collar diameter (mm) | 1.40 |
| Press ring diameter (mm) | 1.40 |

## Family drawing

All measurements are in mm.




## Materials & surfaces

| | |
|---|---|
| Tip style | 18 |
| 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 |

## Accessories

| | |
|---|---|
| Tool for receptacle | FEWZ-075E0 |