

# VF 4

Push-back Probe

### Grid:

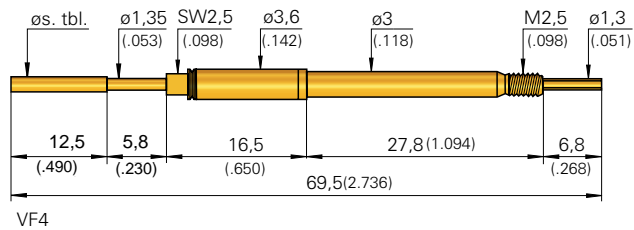
≥ 4,00 mm

≥ 157 Mil

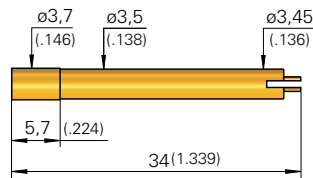
Installation Height: 40,5 mm (1.594)

Recommended Stroke: 5,0 mm (.197)

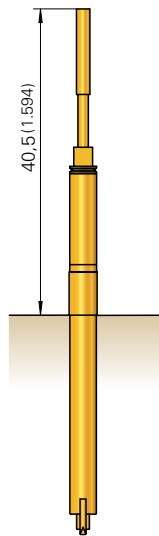
## Mounting and Functional Dimensions



VF4



KS-VF4



### Installation Height

Installation Height: 40,5 mm (1.594)

### Mechanical Data

**Working Stroke:** 5,0 mm (.197)  
**Maximum Stroke:** 5,5 mm (.220)  
**Spring Force at Work. Stroke:** 15 N (54oz)  
**alternative:** 25 N; 20 N (72oz)

### Materials

**Barrel:** Brass, gold-plated  
**Plunger:** Steel, gold-plated  
**Spring:** Steel, gold-plated  
**Receptacle:** Bronze, gold-plated

### Electrical Data

**Current Rating:** 8 A  
**R<sub>i</sub> typical:** < 30 mΩ

### Mounting Hole Size

**in CEM 1 and FR 4:** ø 3,50 mm (.1378)

## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2 02		A		
2 02		A		
2 03		A	4,00	(.157)
2 06		A	4,00	(.157)
2 21*		A	0,80	(.031)
2 23*		A	1,60	(.063)

### Note:

VF 4 are screwed into KS-VF 4 using special tools, see page 170/171.

Recommended Screw-in Torque:  
 Min.: 3 Ncm / Max.: 5 Ncm

### \* Note:

The flat surface on the Plunger Tip is in the same alignment as the flat surface on the rear of the Plunger.

## Ordering Example

Series      Tip Material      Tip Style      Tip Diameter (1/100 mm)/width of spade      Plating      Spring Force (dN)

Test Probe:

VF4 2 02 180 A 15

Receptacle:

KS-VF4