

# HIGH CURRENT PROBES

## F320

**High Current Probe 100 mil with Continuous Plunger up to 12 A, Plug-in**

<b>Centers (mm/mil)</b>	2,54 / 100
<b>Current</b>	12,0 A
<b>R typ</b>	<20 mOhm
<b>Temperature</b>	-40°C...+200°C (H)

### Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	50	130

### Travel (mm)

Version	Nominal	Maximum
Standard	3,2	4,0
Pointing Accuracy		±0,10 mm

### Materials and Plating

Plunger	see Tip Style
Barrel	Bronze, unplated
Spring	Stainless steel, unplated
Receptacle	Bronze, gold plated

### Accessories

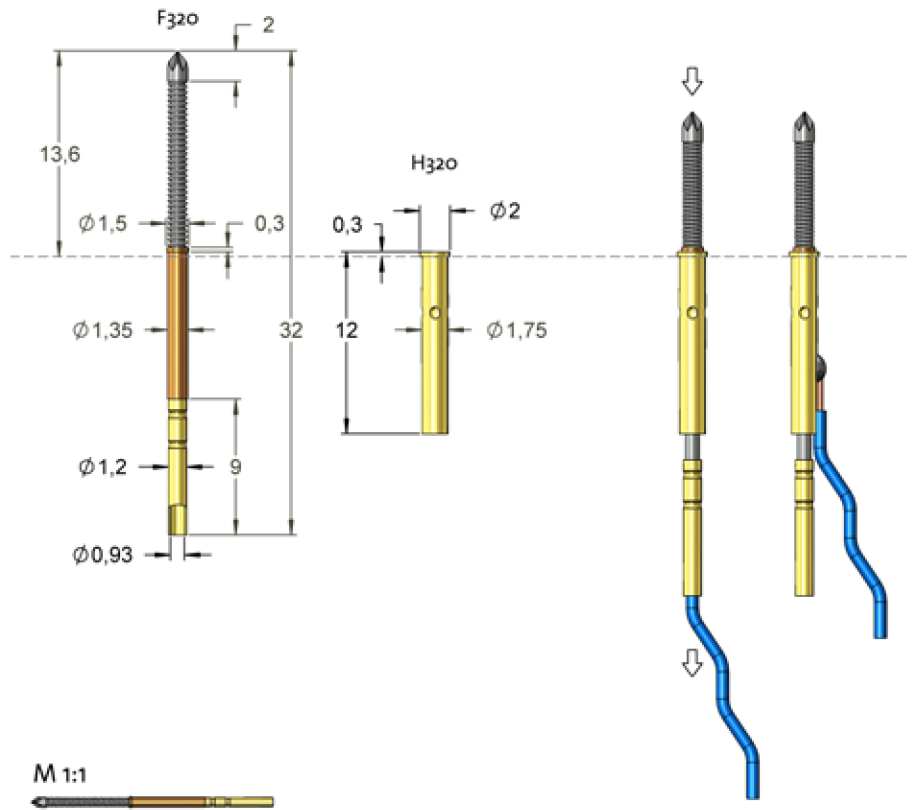
Insertion tool receptacle	FEWZ-100E0
Insertion tool probe	FDWZ-100

### Drill Size (mm)

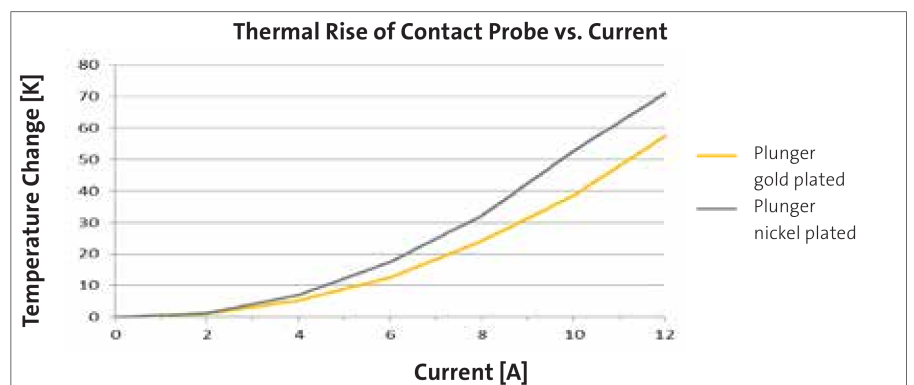
F320	1,32 - 1,35
H320	1,74 - 1,75

### Projection Height (mm)

H320 mit F320	13,6
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The continuous plunger guarantees a low internal resistance and allows applications with high currents. The connection of the plunger should be realized by a flexible wire with sufficient space for the movement. The wire can also be soldered directly to the receptacle. However, this leads to a lower electrical performance.



Series	Tip-Ø	Spring Force (cN)
<b>F320</b>	<b>04</b>	<b>S</b>
		<b>135</b>
		<b>N</b>
		<b>130</b>
		<b>-</b>
	Tip Style	Material
		Plating
		Version

**Material:** S = Steel  
**Tip-Ø:** 135 = 1,35 mm (e.g.)  
**Plating:** L = Longtime gold plated, N = Nickel plated  
**Version:** -  
**Receptacle:** Order code according drawing

Tip Style	Number	Material	Ø in mm	Plating	Version
	04	S	1,35	N	-
	05	S	1,35	N	-
	07	S	1,35	N	-
	09	S	1,35	L	-
	09	S	1,35	N	-
	12	S	1,35	L	-
	14	S	1,35	L	-