



F320

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

Centers (mm/mil)	2,54 / 100
Current	12,0 A
R typ	<20 mOhm
Temperature	-45°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

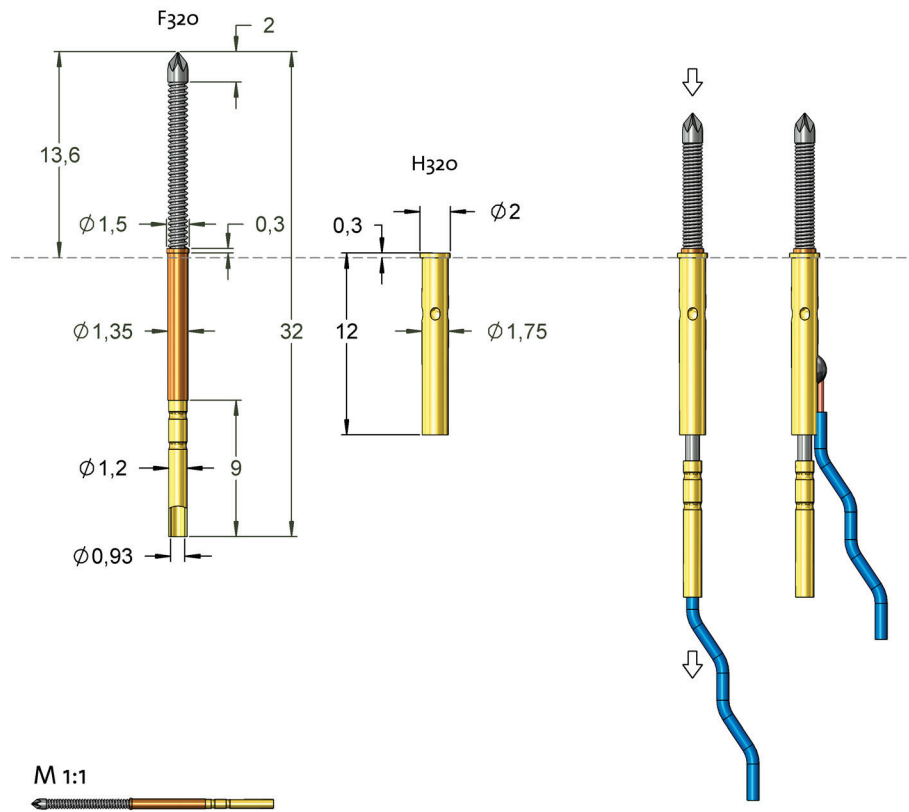
Insertion tool receptacle	FEWZ-100E0
Insertion tool probe	FDWZ-100

Drill Size (mm)

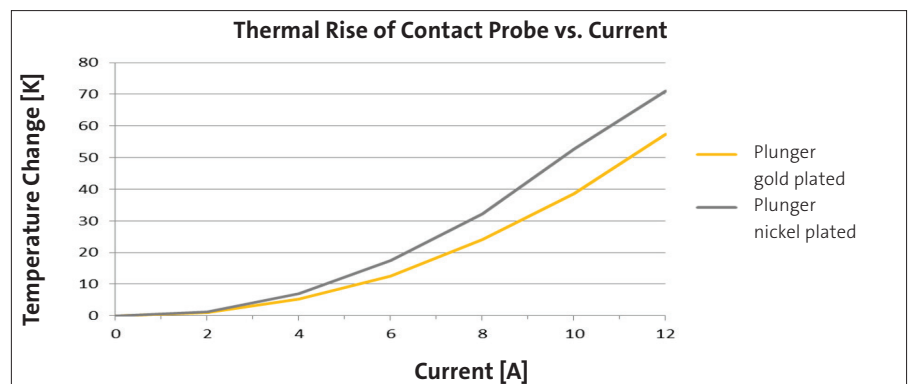
F320	1,32 - 1,35
H320	1,74 - 1,75

Projection Height (mm)

H320 mit F320	13,6
---------------	------



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)
F320	04	S 135 N 130 -
Tip Style	Material	Plating

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	-