



Step Probes

F17511B0013G100SP

Order code 1028054

General

Design	Step Probe
Family	F175SP
Pitch [mm/mil]	1.90 / 75
Temperature [C°]	-45°C...+100°C
Additional definition	SP

Electrical specifications

Continuous current [A]	4.00
Typical contact resistance [mOhm]	20.00

Mechanical specifications

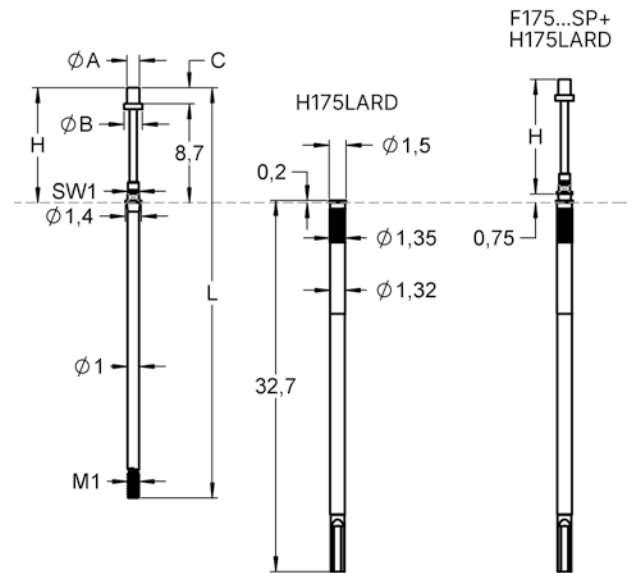
Preload [cN]	50.00
Spring force [cN]	100.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.08
Thread	M1
Tool size [mm]	1.0

Dimensions

Total length [mm]	37.60
Projection height [mm]	11.60
Tip style diameter [mm]	0.43
Barrel diameter [mm]	1.00
Collar diameter [mm]	1.40
Press ring diameter [mm]	1.40
A – pin diameter [mm]	0.43
B – plate diameter [mm]	1.50
C – pin length [mm]	2.50

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	11
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-075E0
Tool for probe	1004101-FWZ730S1, 1029809-FWZ730S1T
Other	1009615-H175LARD

Tip style 1

