

Basic Threaded Probes

F17533S064P250HP

Item number 1098611

General

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

Electrical specifications

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

Mechanical specifications

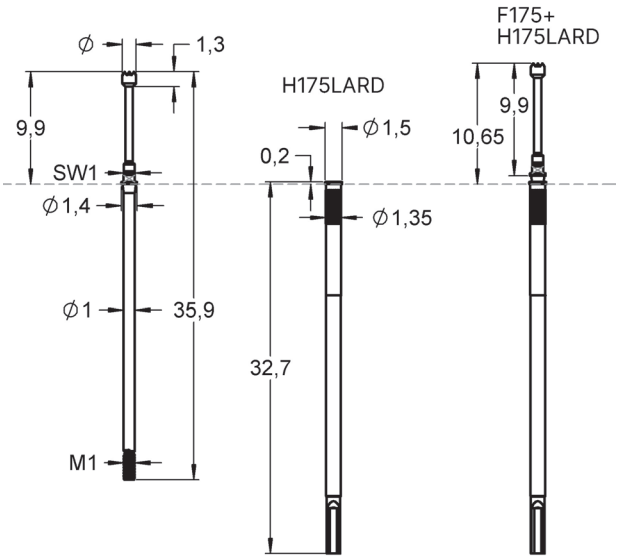
Preload (cN)	130.00
Spring force (cN)	250.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.08
Thread	M1
Tool size (mm)	1

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

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	33
Tip style material	Steel
Tip style plating	Progressive
Plunger material	Steel
Plunger plating	Progressive
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-075E0