FEINMETALL
Contact Technologies

Switch Probes

F87516B070G135

Order code 1006704

General

Design	Basic Contact Probe
Family	F875-NO
Pitch [mm/mil]	2.54 / 100
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	5.00
Typical contact resistance [mOhm]	65.00
Switch travel [mm]	1.50
Continuous current 2 [A]	1.00

Mechanical specifications

Preload [cN]	30.00
Spring force [cN]	135.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.08
Thread	M1.6
Tool size [mm]	1.7

Dimensions

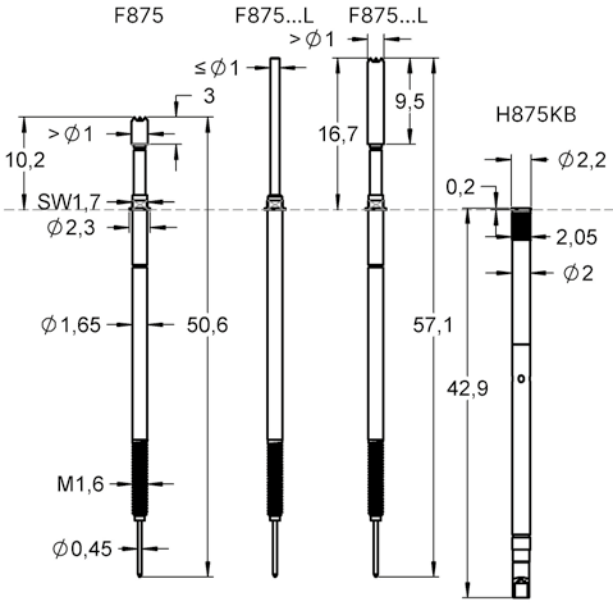
Total length [mm]	50.60
Projection height [mm]	10.20
Tip style diameter [mm]	0.70
Barrel diameter [mm]	1.65
Collar diameter [mm]	2.30
Press ring diameter [mm]	2.30

Materials & surfaces

Tip style	16
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Family drawing

All measurements are in mm.



Accessories

Tool for probe	1001681-FWZ732, 1004610-FWZ732T
Other	1001866-H875, 1001867-H875-5, 1002997-H875KB-5, 1004479-H875KB, 1006559-H875RD

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Tip style 1

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