FEINMETALL
Contact Technologies



Switch Probes

F86317T080N150

Order code 1029219

General

Design	Basic Contact Probe
Family	F863-NO
Pitch [mm/mil]	1.90 / 75
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	2.00
Typical contact resistance [mOhm]	65.00
Switch travel [mm]	3.50
Continuous current 2 [A]	1.00

Mechanical specifications

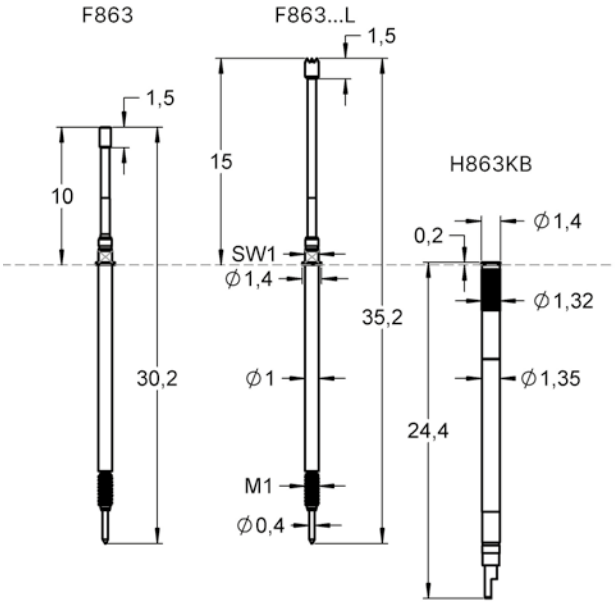
Preload [cN]	50.00
Spring force [cN]	150.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.10
Thread	M1
Tool size [mm]	1.0

Dimensions

Total length [mm]	30.20
Projection height [mm]	10.00
Tip style diameter [mm]	0.80
Barrel diameter [mm]	1.00
Collar diameter [mm]	1.40
Press ring diameter [mm]	1.40

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	17T
Tip style material	Plastic
Tip style plating	Uncoated
Plunger material	Beryllium copper
Plunger plating	Nickel
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	1018812-H863KB

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