FEINMETALL
Contact Technologies

Switch Probes

F88617K500U200SM

Order code 1014296

General

Design	Basic Contact Probe
Family	F886-NO
Pitch [mm/mil]	3.50 / 138
Temperature [C°]	-45°C...+100°C
Additional definition	SM

Electrical specifications

Continuous current [A]	10.00
Typical contact resistance [mOhm]	50.00
Switch travel [mm]	1.70
Continuous current 2 [A]	1.00

Mechanical specifications

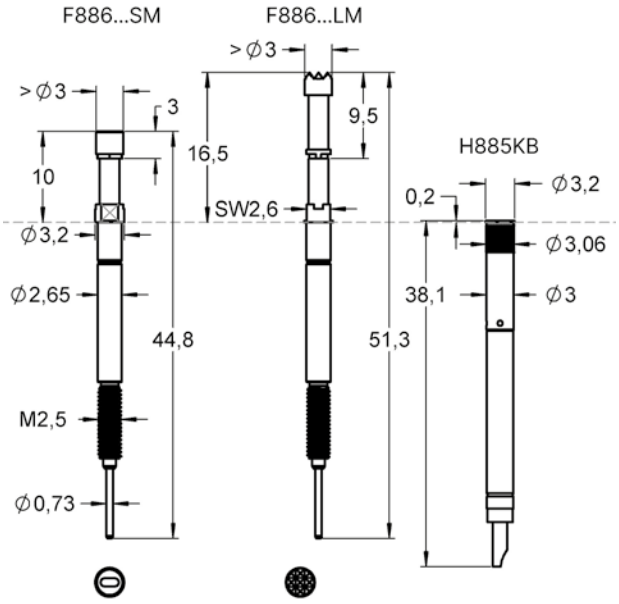
Preload [cN]	70.00
Spring force [cN]	200.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.09
Thread	M2.5
Tool size [mm]	2.6

Dimensions

Total length [mm]	44.80
Projection height [mm]	10.00
Tip style diameter [mm]	5.00
Barrel diameter [mm]	2.65
Collar diameter [mm]	3.20
Press ring diameter [mm]	3.20

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	17K
Tip style material	Plastic
Tip style plating	Uncoated
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

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Accessories	
Tool for probe	1004488-FWZ886, 1008409-FWZ886T
Other	1003080-H885KB, 1037131-H885KBAT, 1036356-H885KBIS, 1003079-H885IS, 1002935-H885KB-5

Tip style 1

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