

SWITCH PROBES

F883 (NC)

Switch Probe 138 mil Opener, Threaded

Centers (mm/mil)	3,50 / 138
Contin. current	10,0 A
Current (Switch)	1,0 A
R typ	50 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
LM	40	230
SM	40	230

Travel (mm)

Version	Nominal	Maximum
LM	4,0	5,0
SM	4,0	5,0
Switch Travel (mm)		1,7
Thread (M)		2,5
Wrench Size		2,6

Materials and Plating

Plunger	see Tip Style
Barrel	Brass, gold plated
Spring	Music wire, silver plated
Receptacles	Brass, gold plated

Accessories

Insertion tool receptacle	FEWZ-774E0
	FWZ885 (T)
Screw-in tool probe	FWZ885L (T)
	max. Ø2,5 mm
Screw-in tool probe	FWZ885S1 (T)
	max. Ø3,1 mm

Drill Size (mm)

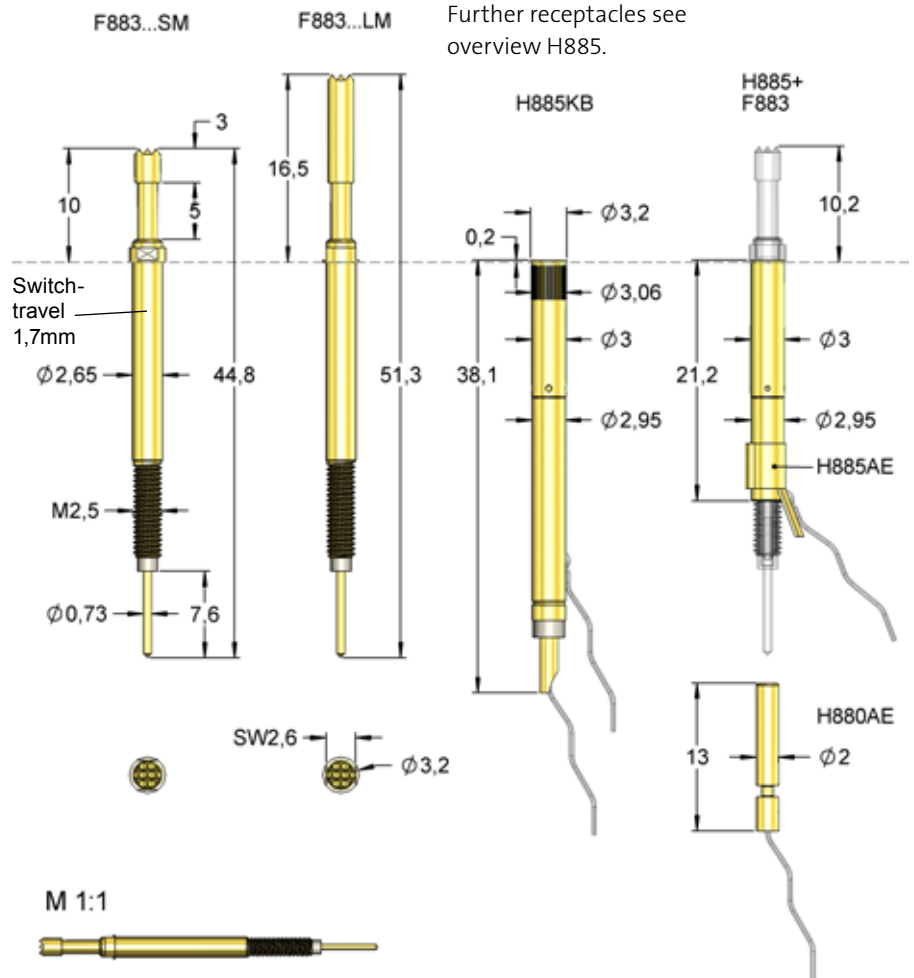
Receptacle without knurl	2,98 - 2,99
Receptacle with knurl	3,00 - 3,02

Projection Height (mm)

F883...SM and receptacle with collar height 0,2mm	10,2 - 15,2
F883...SM and receptacle with collar height 5,0mm	15,0 - 20,0
F883...LM and receptacle with collar height 0,2mm	16,7 - 21,7
F883...LM and receptacle with collar height 5,0mm	21,5 - 26,5

Series	Tip-Ø	Spring Force (cN)
F883	05	B 230 G 230 SM
	Tip Style	Material
		Plating
		Version

Material:	B = BeCu, K = Synthetic
Tip-Ø:	230 = 2,30 mm (e.g.)
Plating:	G = Gold plated, U = Unplated
Version:	SM = Short version, LM = Long version
Receptacle:	Order code according drawing



Further receptacles see overview H885.

The probe F883 can be height adjusted by 5,0 mm, independently from the used receptacle. It is held in its position by pressure marks. Versions with switch travel 0,5 mm available on request.

Tip Style	Number	Material	Ø in mm	Plating	Version
	05	B	2,30	G	SM
	06	B	2,30	G	LM
	06	B	2,30	G	SM
	16	B	1,80	G	SM
	17	B	2,30	G	SM
	17	K	2,30	U	SM