

# SWITCH PROBES

## F863 (NO)

### Switch Probe 75 mil Threaded

<b>Centers (mm/mil)</b>	1,90 / 75
<b>Contin. current</b>	2,0 A
<b>Current (Switch)</b>	1,0 A
<b>R typ</b>	65 mOhm
<b>Temperature</b>	-45°C...+100°C

#### Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	20	80
Standard	50	150
L	50	150

#### Travel (mm)

Version	Nominal	Maximum
Standard	4,0	5,0
L	4,0	5,0
Switch Travel (mm)		3,5
Thread (M)		1,0
Wrench Size		1,00

#### Materials and Plating

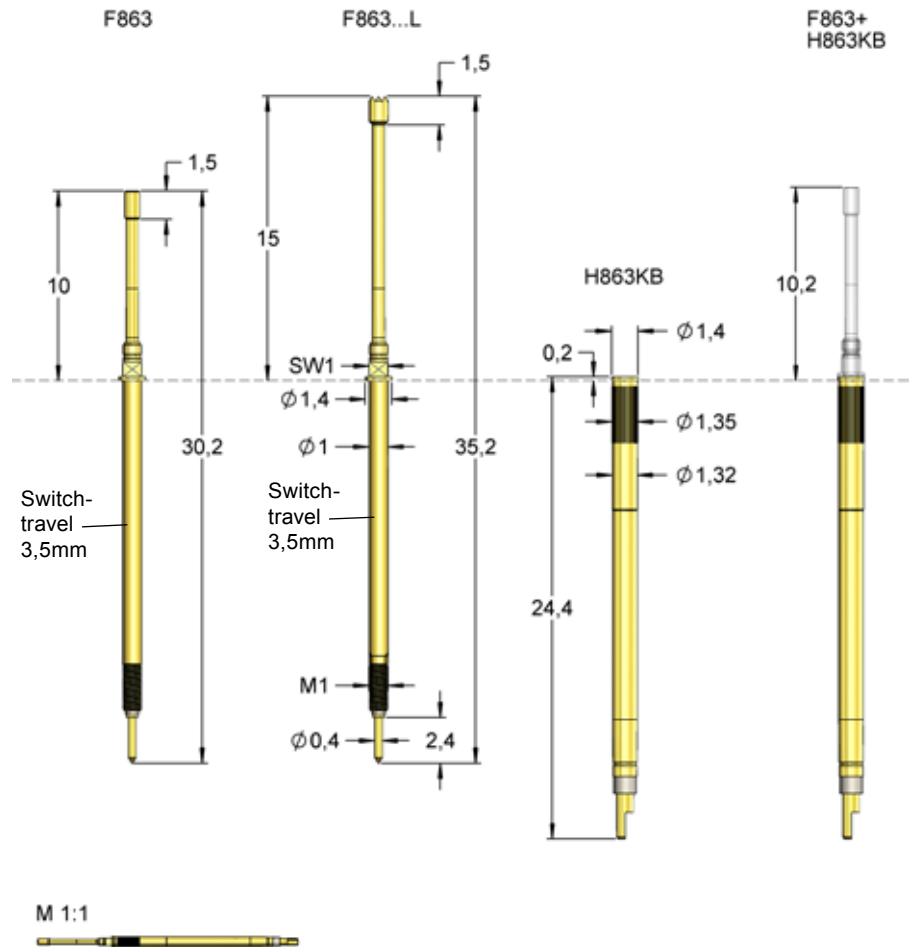
Plunger	see Tip Style
Barrel	Brass, gold plated
Spring	Music wire, silver plated
Receptacles	Brass, gold plated

#### Accessories

Insertion tool receptacle	FEWZ-100E0
Screw-in tool probe	FWZ730 (T) max. <Ø0,9 mm
Screw-in tool probe	FWZ730S1 (T) max. <Ø1,5 mm

#### Drill Size (mm)

H863KB	1,32 - 1,34
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The F863 is the smallest threaded switch probe. It is the ideal solution for modules with centers down to 1,90 mm / 75 mil. It can be used with a combi-receptacle for solderless exchange of the probe.



The F86311B050G080 with its small plunger diameter can also be used to test the **Nano MQS connector**.

Series	Tip-Ø	Spring Force (cN)
<b>F863</b>	<b>06</b>	<b>B</b>
		<b>100</b>
		<b>G</b>
		<b>150</b>
		<b>L</b>
	Tip Style	Material
		Plating
		Version

**Material:** B = BeCu  
**Tip-Ø:** 100 = 1,00 mm (e.g.)  
**Plating:** G = Gold plated  
**Version:** L = Long version  
**Receptacle:** Order code according drawing

Tip Style	Number	Material	Ø in mm	Plating	Version
	06	B	1,00	G	L
	11	B	0,50	G	-
	11	B	0,64	G	L
	12	B	0,70	G	-
	12	B	0,75	G	L
	17	B	0,80	G	-
	17	T	0,80	N	-