



F886 (NO)

Switch Probe 138 mil Threaded

Further receptacles see
overview H885.

Centers (mm/mil)	> 3,50 / 138
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	30	70
LM	30	120
LM	50	200
LM	80	350
LM	220	900
SM	30	70
SM	30	120
SM	50	200
SM	80	350
SM	240	550
SM	220	900
SM	300	1250

Travel (mm)

Version	Nominal	Maximum
Standard	4,0	5,0
Switch Travel (mm)		1,7
Thread (M)		2,5
Wrench Size		2,6
Pointing Accuracy		±0,09 mm

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
Screw-in tool probe	FWZ885S1 max. Ø3,1 mm
Screw-in tool probe	FWZ760S1 max. Ø4,0 mm
Screw driver	FWZ886S2

Series	Tip-Ø	Spring Force (cN)
F886	17	T 350 N 350 SM
	Tip Style	Material Plating Version

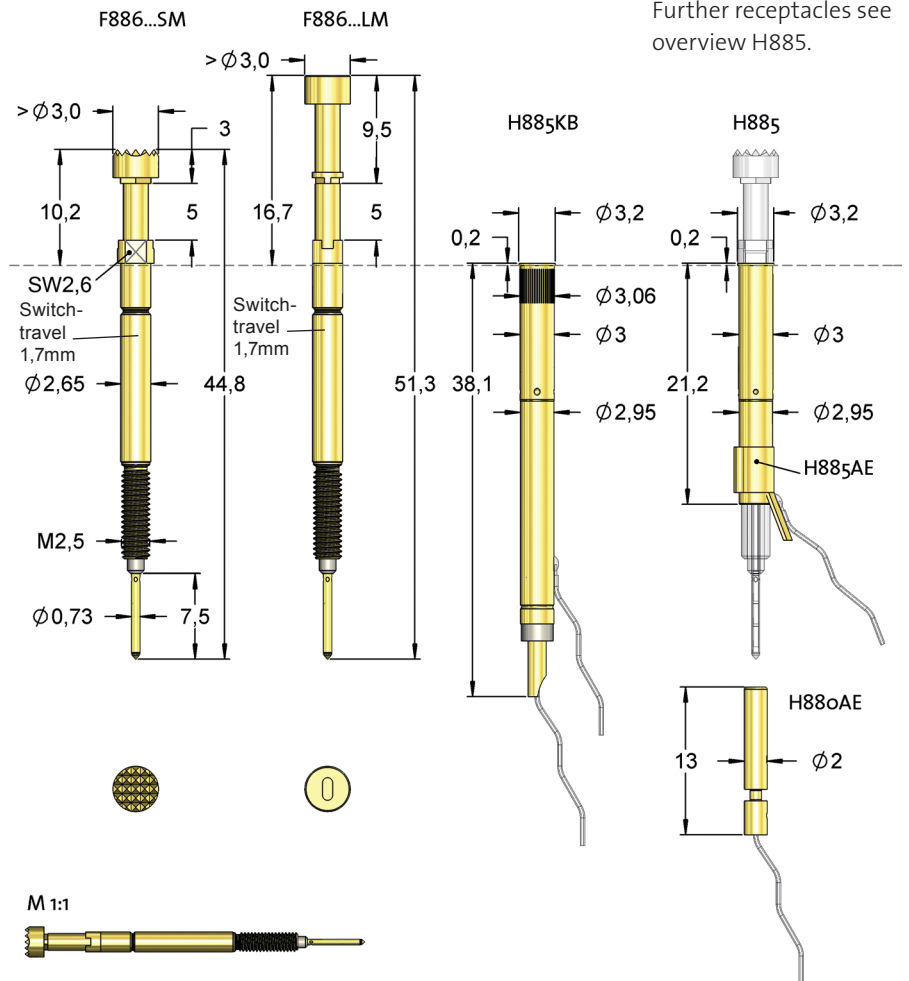
Material: B = BeCu, K = Synthetic, H = Synthetic head with ring, T = BeCu head isolated, Gold plated

Tip-Ø: 350 = 3,50 mm (e.g.)

Plating: G = Gold plated, N = Nickel plated, U = Unplated

Version: SM = Short version, LM = Long version

Receptacle: Order code according drawing



The probe F886 can be height adjusted by 5,0 mm, independently from the used receptacle. It is held in its position by pressure marks. For further receptacles see datasheet H885.

For higher order volumes also versions with 3,5 mm switch travel are possible on request (e.g. F88617B300G900SM35).

* Center differing from standard.

Tip Style	Number	Material	Ø in mm	Plating	Version
	06	B	3,00	G	LM
	06	B	3,00	G	SM
	06	B	4,00 *	G	SM
	17	B	3,00	G	LM
	17	B	3,00	G	SM
	17	B	3,50 *	G	LM
	17	B	3,50 *	G	SM
	17	B	4,00 *	G	LM
	17	B	4,00 *	G	SM
	17	B	4,50 *	G	LM
	17	B	4,50 *	G	SM



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Drill Size (mm)

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

Projection Height (mm)

H885 / H885RD / H885KB with F886...SM	10,2 - 15,2
H885/5 / H885KB/5 with F886...SM	15,0 - 20,0
H885 / H885RD / H885KB with F886...LM	16,7 - 21,7
H885/5 / H885KB/5 with F886...LM	21,5 - 26,5

Tip Style	Number	Material	Ø in mm	Plating	Version
	17	B	5,00 *	G	SM
	17	B	5,50 *	G	SM
	17	B	5,90 *	G	LM
	17	B	5,90 *	G	SM
	17	H	3,00	U	LM
	17	H	3,00	U	SM
	17	H	3,50 *	U	LM
	17	H	3,50 *	U	SM
	17	H	4,00 *	U	LM
	17	H	4,00 *	U	SM
	17	H	4,50 *	U	LM
	17	H	4,50 *	U	SM
	17	H	5,00 *	U	LM
	17	H	5,00 *	U	SM
	17	H	5,50 *	U	SM
	17	H	6,00 *	U	SM
	17	K	3,00	U	LM
	17	K	3,00	U	SM
	17	K	3,50 *	U	LM
	17	K	3,50 *	U	SM
	17	K	4,00 *	U	SM
	17	K	4,50 *	U	SM
	17	K	5,00 *	U	SM
	17	K	5,50 *	U	SM
	17	K	5,90 *	U	SM
	17	T	3,00	N	SM
	17	T	3,50 *	N	SM
	17	T	5,00 *	N	SM



H885

Receptacles for Switch Probe Series F883, F885, F886, F485, F486 and F385

Receptacle H885RD

This receptacle has the same dimensions as H875, but it has a knurl for a secure seat in the drill hole
Projection heights.

Material: Brass, gold plated

Receptacle H885KB for solderless exchange of probes

In combination with this receptacle switch probes can be exchanged solderless.

Solder temperature max. 300 °C.

Material: Brass, gold plated

Receptacle H885KB/5 for solderless exchange of probes

This receptacle is the same as H875KB, just with a collar of 5,0 mm for larger projection heights.
Solder temperature max. 300 °C.

Material: Brass, gold plated

Receptacle H885/5

This receptacle has a collar of 5,0 mm for larger projection heights.

Material: Brass, gold plated

Receptacle H885

Material: Brass, gold plated

Insulating sleeve H885IS

In combination with insulating sleeves it is possible to mount all H875 receptacles insulated into conductive material, e.g. steel. Because of the collar the projection height is increased by 0,2 mm.

The insulating sleeve can be used up to 260 °C.

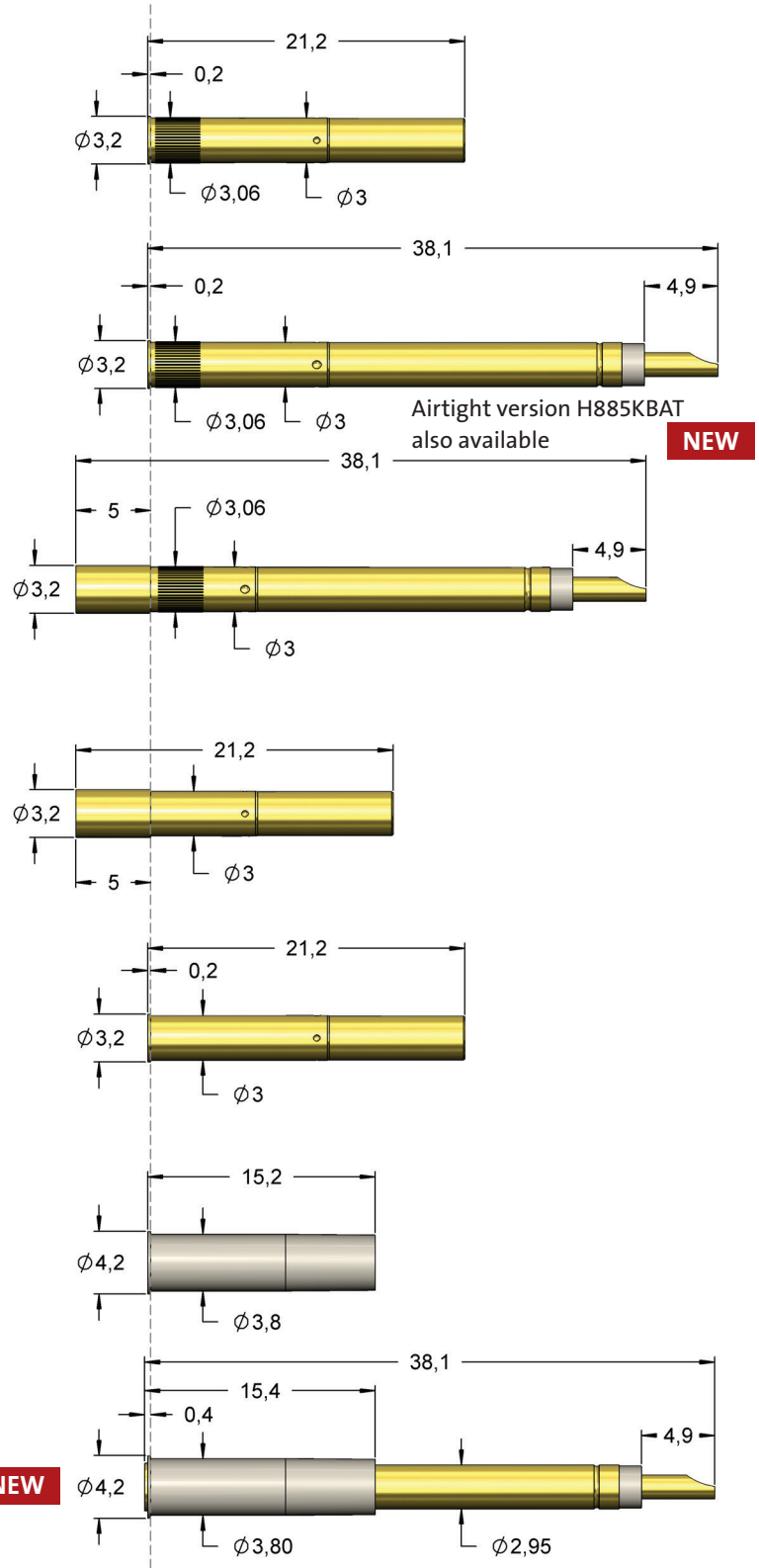
Material: Polyetheretherketone, PEEK

Insulating sleeve H885KBIS for solderless exchange of probes

In combination with insulating sleeves it is possible to mount all H875 receptacles insulated into conductive material, e.g. steel.

The insulating sleeve can be used up to 260 °C.

Material: Polyetheretherketone, PEEK



Drill Size (mm)

Receptacle without knurl	2,98 - 2,99
Receptacle with knurl	3,00 - 3,02
Insulating sleeve	3,78 - 3,79

**For inserting the receptacles the tool
FEWZ-774E0 can be used.**