

**Long Travel Switch Probe 157mil
Closer (NO)**

F385

Centers (mm/mil)	4,00 / 157
Current	10,0 A
Current (Switch)	1,0 A
Temperature	-20°C...+80°C
R_{typically}	50 mOhm

Spring Force (cN $\pm 20\%$)

Preload	Nominal Force
40	200

Travel (mm)

Nominal	Maximum
9,0	11,0
Switch Travel (mm)	1,7
Thread (M)	2,5
Wrench Size	2,6
Pointing Accuracy	±0,15 mm

Materials and Plating

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

Accessories

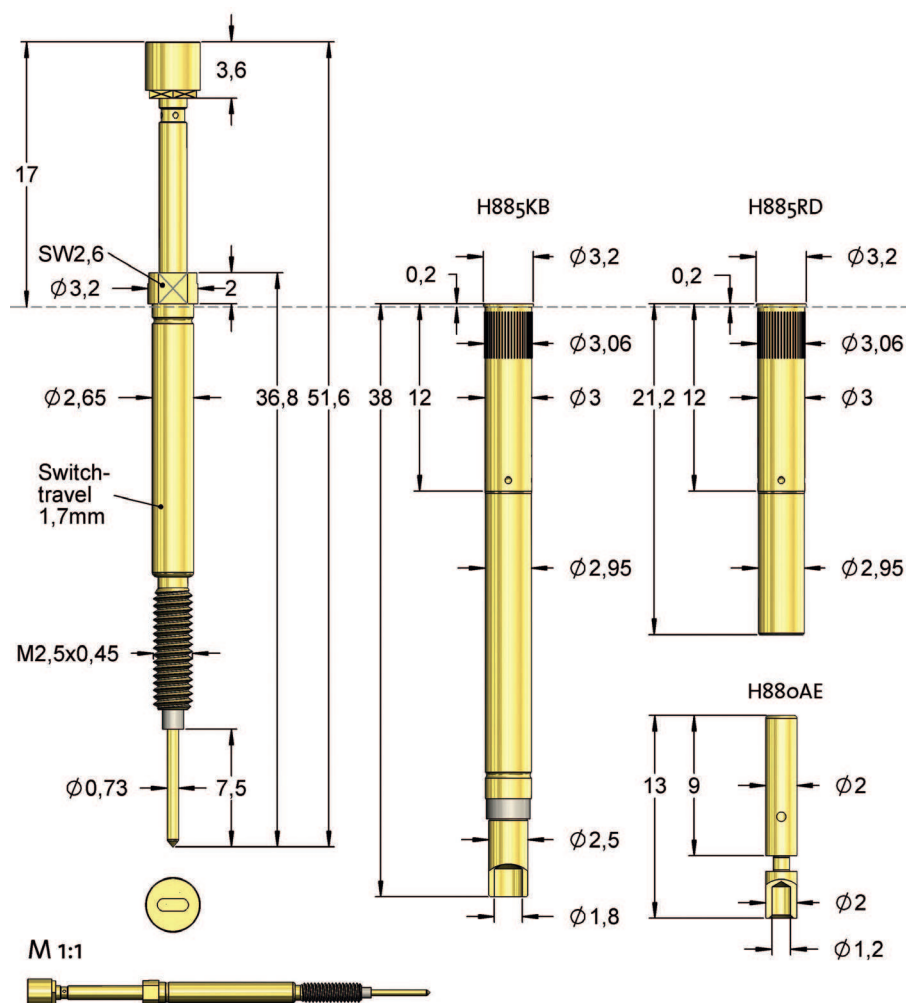
Insertion tool receptacle	FEWZ-774E0
Screw-in tool probe	FWZ760S1

Drill Size [mm]

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

Projection Height

H885 / H885RD / H885KB	17,0
H885/5 / H885KB/5	21,8



Type	Tip-Ø	Spring Force
F 385 17	B 350	G 200
Tip Style	Material	Finish
Material:	B = BeCu	Special Version
Tip-Ø:	350 = 3,5 mm (e.g.)	
Finish:	G = Gold	
Receptacle:	Order Code according drawing	
ORDER EXAMPLE		

Tip Style	Number	Material	Plating	Ø in mm	Version
	06	B	G	3,5	-
	17	B	G	3,5	-



Receptacles for Switch Probe Families F883, F885, F886 und F385

H885

Receptacle H885

This receptacle allows variable projection height:

F883: 10,2 – 15,7 mm F885/F886 ... SM 10,2 – 15,7 mm

F385: 17,0 – 22,5 mm F885/F886 ... LM: 16,7 – 22,2 mm

Material: Brass, Gold plated

Receptacle H885/5

The receptacle H885/5 has a 5mm collar for extended projection height:

F883: 15,2 – 20,2 mm F885/F886 ... SM: 15,2 – 20,2 mm

F385: 21,8 – 27,3 mm F885/F886 ... LM: 21,5 – 27,0 mm

Material: Brass, Gold plated

Receptacle H885RD

The receptacle H885RD has the same dimensions as H885, but with knurling for proper seat.

Possible projection heights:

F883: 10,2 – 15,7 mm F885/F886 ... SM 10,2 – 15,7 mm

F385: 17,0 – 22,5 mm F885/F886 ... LM: 16,7 – 22,2 mm

Material: Brass, Gold plated

Receptacle H885KB - for solderless exchange

By usage of the combi-receptacle H885KB the switch probes can be replaced solderless, saving time and cost for maintenance. Max. solder temperature 300°C.

F883: 10,2 – 15,7 mm F885/F886 ... SM 10,2 – 15,7 mm

F385: 17,0 – 22,5 mm F885/F886 ... LM: 16,7 – 22,2 mm

Material: Brass, Gold plated

Receptacle H885KB /5 - for solderless exchange

This receptacle has the same design like H885KB, but with a 5 mm collar for extended projection height.

F883: 15,2 – 20,2 mm F885/F886 ... SM: 15,2 – 20,2 mm

F385: 21,8 – 27,3 mm F885/F886 ... LM: 21,5 – 27,0 mm

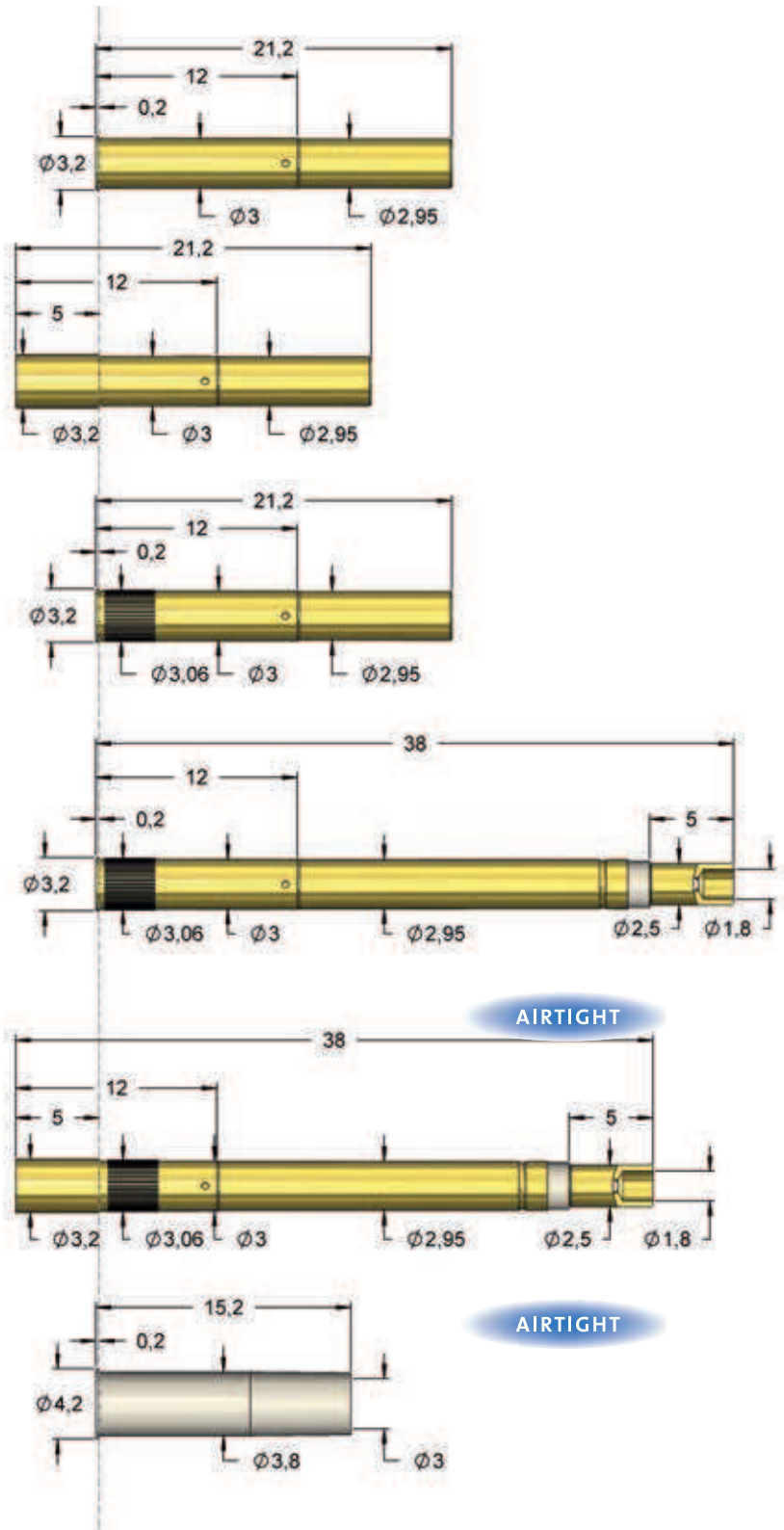
Solder temperature: max. 300 °C

Material: Brass, Gold plated

Insulating Sleeve H885IS

By usage of the insulating sleeve H885IS an insulated assembly of probes within conductive materials is possible (e.g. at steel). Maximum temperature: 300°C
Due to the sleeve's collar the projection height is increase by 0,2 mm.

Material: PEEK



Drill Size [mm]

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

For insertion of the receptacles
tool FEWZ-774E0 can be used.