

Standard Switch Probe 100 mil, Closer (NO)

F875

Centers (mm/mil)	2,54 / 100
Current	5,0 A
Current (Switch)	1,0 A
Temperature	-20°C...+80°C
R typically	65 mOhm

Spring Force (cN ±20%)

Preload	Nominal Force
20	80
30	135
60	200
60	300
80	350

Travel (mm)

Nominal	Maximum
4,0	5,0
Switch Travel (mm)	1,5
Thread (M)	1,6
Wrench Size	1,7
Pointing Accuracy	±0,08 mm

Materials and Plating

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

Accessories

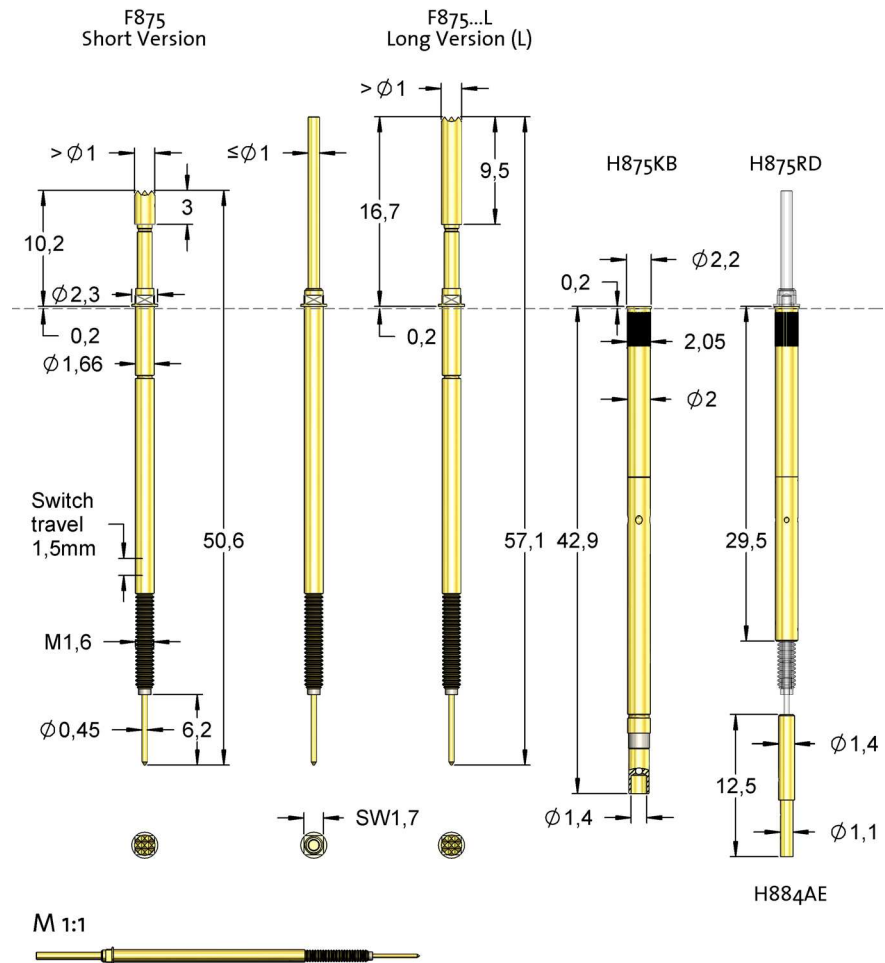
Insertion tool receptacle	FEWZ-772E0
Screw-in tool probe	FWZ732 (T) max. Ø 2,0 mm
Screw-in tool probe	FWZ732S1 (T1) max. Ø 2,7 mm

Drill Size [mm]

Receptacle without knurl	1,99 - 2,00
Hülse mit Receptacle with knurl	2,02 - 2,03

Type	Tip-Ø	Spring Force
F 875	16	B
	100	G
		L
Tip Style	Material	Finish
Material:	B = BeCu, K = Syntetic, T = isolated BeCu-Head nickel plated	
Tip-Ø:	100 = 1,0 mm (e.g.)	
Finish:	G = Gold, U = Unplated	
Special Version:	L = Long Version,	
Receptacle:	Order Code according drawing	

ORDER EXAMPLE



Projection Height

(F875) H875 / H875RD / H875KB	10,4
(F875) H875/5 / H875KB/5	15,2
(F875...L) H875 / H875RD / H875KB	16,9
(F875...L) H875/5 / H875KB/5	21,7

Tip Style	Number	Material	Plating	Ø in mm	Version
	05	B	G	1,8	-
	06	B	G	1,0; 1,4; 1,8	L
	06	B	G	1,3; 1,5; 1,8; 2,0; 2,3	-
	11	B	G	0,64; 1,0	-
	11	B	G	1,0	L
	11	B	G	1,0	-
	16	B	G	0,64; 0,7; 0,8; 1,0	-
	16	B	G	1,0	L
	17	B	G	1,8	-
	17	K	U	1,1,8; 2,3	-
	17	T	N	1,8	-

Receptacles for Switch Probe Families F875, F873 und F375

H875

Receptacle H875

This receptacle allows variable projection height:

F873: 10,4 – 15,4 mm F875: 10,4 – 15,4 mm
F375: 15,0 – 20,0 mm F875 ... L: 16,9 – 21,9 mm

Material: Brass, Gold plated

Receptacle H875/5

The receptacle H875/5 has a 5mm collar for extended projection heights:

F873: 15,2 – 20,2 mm F875: 15,2 – 20,2 mm
F375: 19,8 – 24,8 mm F875 ... L: 21,7 – 26,7 mm

Material: Brass, Gold plated

H875RD

The receptacle H875RD has the same dimensions as H875, but with knurling for proper seat.

F873: 10,4 – 15,4 mm F875: 10,4 – 15,4 mm
F375: 15,0 – 20,0 mm F875 ... L: 16,9 – 21,9 mm

Material: Brass, Gold plated

Receptacle H875KB - for solderless exchange

By usage of the combi-receptacle H875KB the switch probes can be replaced solder less, saving time and cost for maintenance. Max. solder temperature 300°C. The projection height is also variable as for H875:

F873: 10,4 – 15,4 mm F875: 10,4 – 15,4 mm
F375: 15,0 – 20,0 mm F875 ... L: 16,9 – 21,9 mm

Material: Brass, Gold plated

Receptacle H875KB /5 -for solderless exchange

This receptacle has the same design like H875KB, but with a 5 mm collar for extended projection height.

F873: 15,2 – 20,2 mm F875: 15,2 – 20,2 mm
F375: 19,8 – 24,8 mm F875 ... L: 21,7 – 26,7 mm

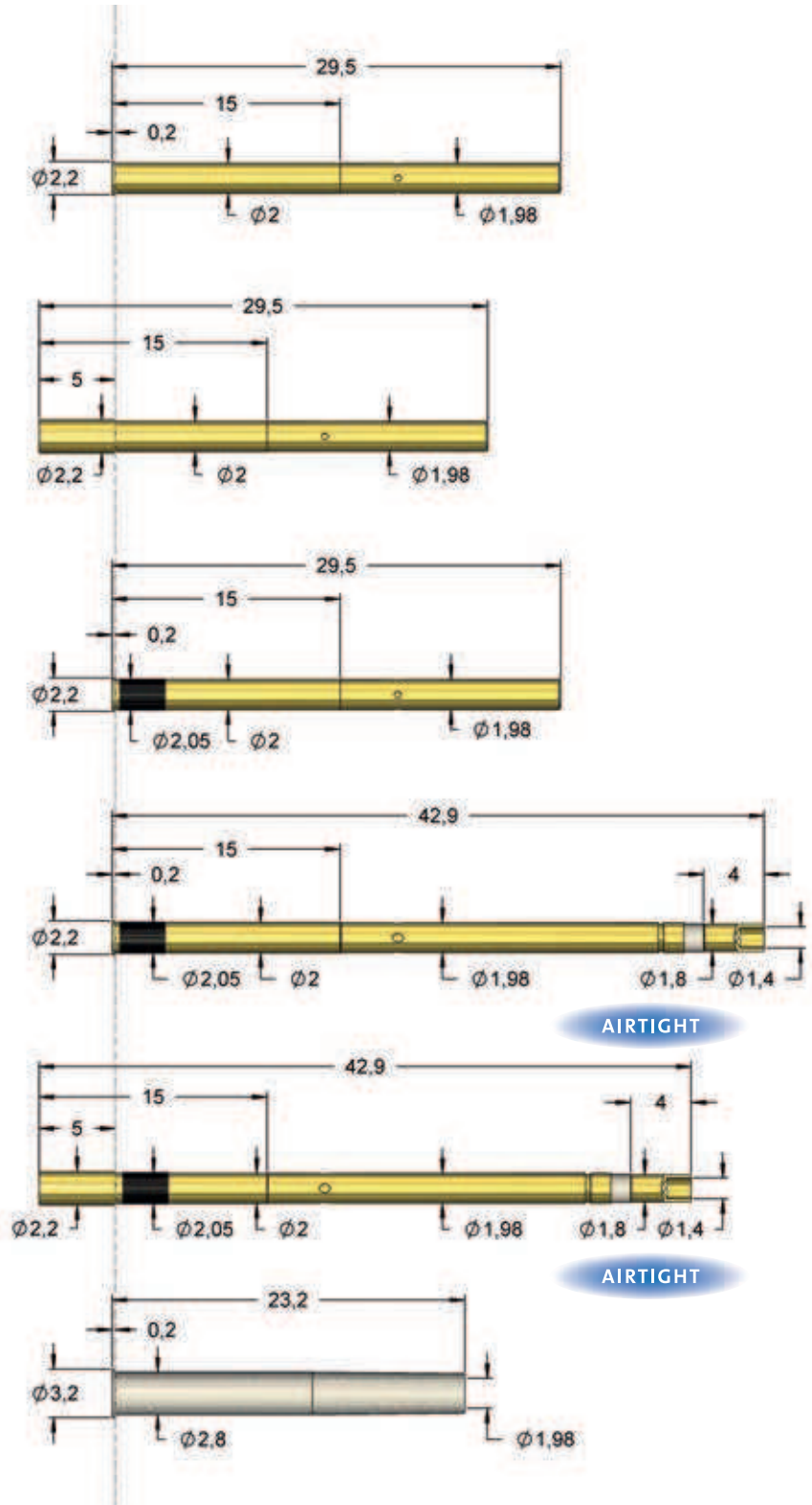
Solder temperature: max. 300 °C

Material: Brass, Gold plated

Insulating Sleeve H875IS

By usage of the insulating sleeve H875IS an insulated assembly of probes within conductive materials is possible (e.g. at steel). Maximum temperature: 300°C. Due to the sleeve collar the projection height is increase by 0,2 mm.

Material: PEEK



Drill Size [mm]

Receptacle without knurl	1,99 - 2,00
Receptacle with knurl	2,00 - 2,02

For insertion of the receptacles
tool FEWZ-772E0 can be used.