



F875 (NO)

Switch Probe 100 mil Threaded

Centers (mm/mil)	2,54 / 100
Current	5,0 A
Current (Switch)	1,0 A
R typ	65 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	20	80
Standard	30	135
Standard	60	200
Standard	60	300
Standard	80	350
Standard	170	500
L	30	135
L	60	200
L	60	300
L	80	350

Travel (mm)

Version	Nominal	Maximum
Standard	4,0	5,0
L	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
Receptacles	Brass, gold plated

Accessories

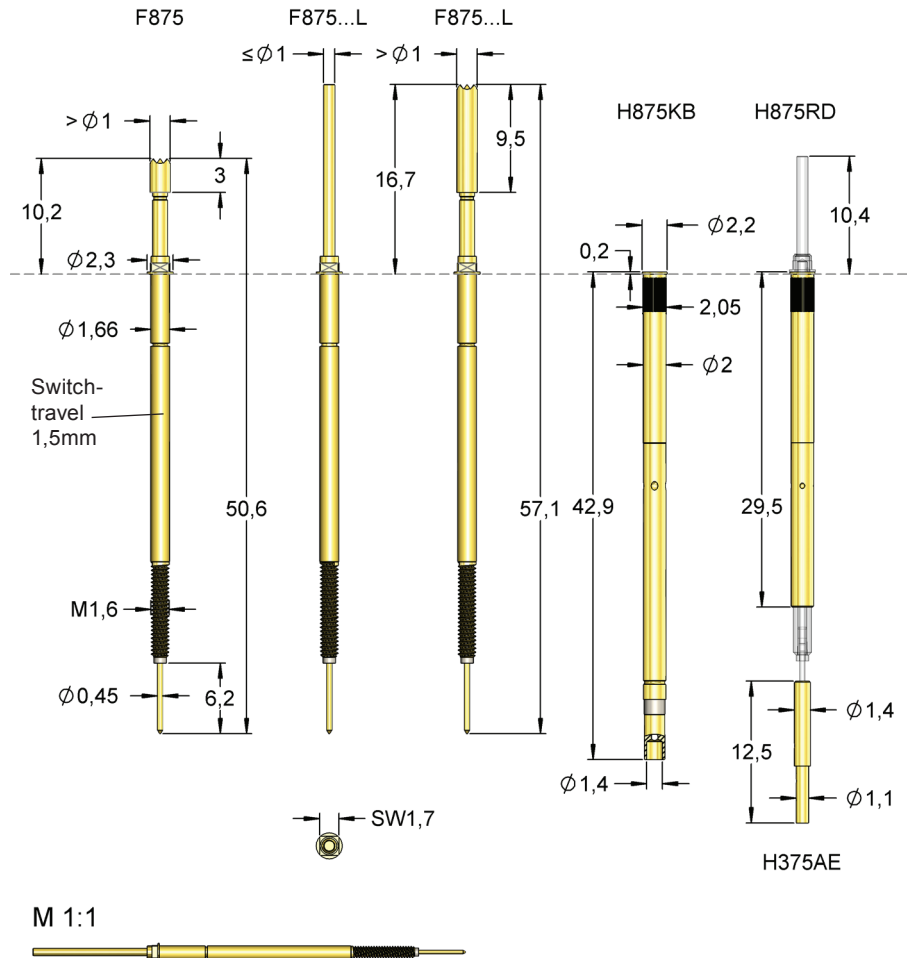
Insertion tool receptacle	FEWZ-772E0
Screw-in tool probe	FWZ732 (T) max. Ø 2,0 mm
Screw-in tool probe	FWZ732S1 (T1) max. Ø 2,7 mm

Drill Size (mm)

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

Series	Tip-Ø	Spring Force (cN)
F875	16	B 100 G 135 L
	Tip Style	Material Plating Version

Material:	B = BeCu, K = Synthetic, T = BeCu-Head insulated
Tip-Ø:	100 = 1,00 mm (e.g.)
Plating:	G = Gold plated, N = Nickel plated, U = Unplated
Version:	L = Long version
Receptacle:	Order code according drawing



The probe F875 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 H875.

Tip Style	Number	Material	Ø in mm	Plating	Version
	05	B	1,80	G	-
	06	B	1,00	G	L
	06	B	1,30	G	-
	06	B	1,40	G	L
	06	B	1,50	G	-
	06	B	1,80	G	-
	06	B	1,80	G	L
	06	B	2,00	G	-
	06	B	2,30	G	-
	11	B	0,64	G	-
	11	B	1,00	G	-
	11	B	1,00	G	L
	16	B	0,60	G	-













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Projection Height (mm)

H875 / H875RD / H875KB with F875	10,4 - 15,4
H875/5 / H875KB/5 with F875	15,2 - 20,2
H875 / H875RD / H875KB with F875...L	16,9 - 21,9
H875/5 / H875KB/5 with F875...L	21,7 - 26,7

Tip Style	Number	Material	Ø in mm	Plating	Version
	16	B	0,64	G	-
	16	B	0,70	G	-
	16	B	0,80	G	-
	16	B	1,00	G	-
	16	B	1,00	G	L
	17	B	1,80	G	-
	17	B	1,80	N	-
	17	B	2,00	G	-
	17	K	1,80	U	-
	17	T	1,80	N	-



H875

Receptacles for Switch Probe Series F875, F873 and F375

Receptacle H875RD

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 H875KB 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 H875KB/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 H875/5

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

Material: Brass, gold plated

Receptacle H875

Material: Brass, gold plated

Insulating sleeve H875IS

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.

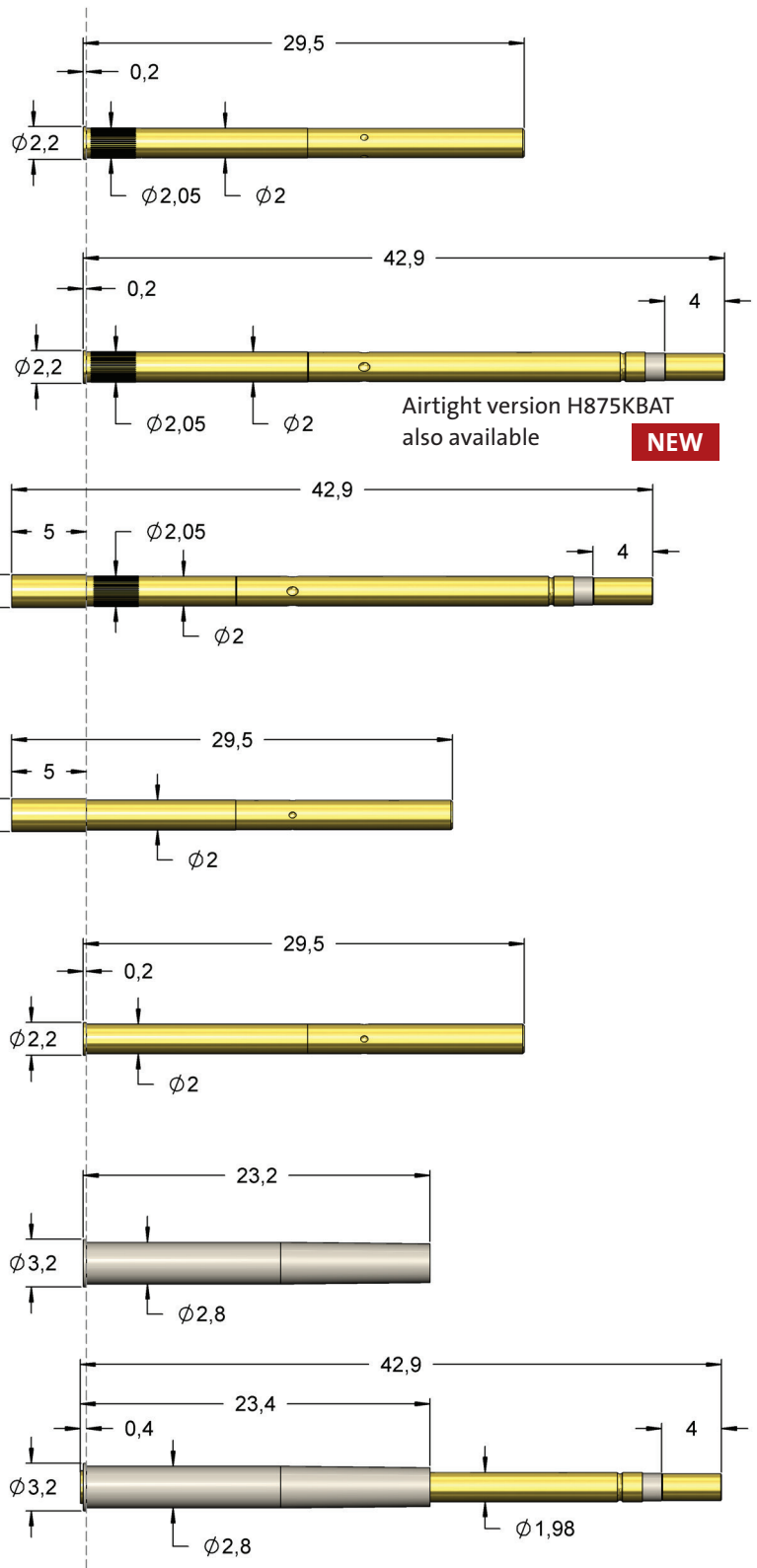
Material: Polyetheretherketone, PEEK

Insulating sleeve H875KBIS 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	1,99 - 2,00
Receptacle with knurl	2,00 - 2,02
Insulating sleeve	2,78 - 2,79

**For inserting the receptacles the tool
FEWZ-772E0 can be used.**