



F832

Kelvin Probe 217 mil Threaded

Centers (mm/mil)	5,50 /217
Current (Circular)	6,0 A
Current (Internal)	1,6 A
Frequency	1,2 GHz
Temperature	-45°C...+200°C

Spring Force (cN ±20%)

	Preload	Nominal
Total	-	650
Internal Cont.	100	200
Circular Cont.	250	450

Travel (mm)

	Nominal	Maximum
Internal Cont.	3,0	3,5
Circular Cont.	2,0	2,6
Wrench Size	-	-
Thread	-	4,0x0,5

Materials and Plating

Internal Cont.	Steel, longtime gold plated
Circular Cont.	BeCu, gold plated
Barrel	Brass, gold plated
Spring Internal Cont.	Stainless steel, unplated
Spring Circular Cont.	Stainless steel, unplated
Receptacle	Brass, gold plated

Accessories

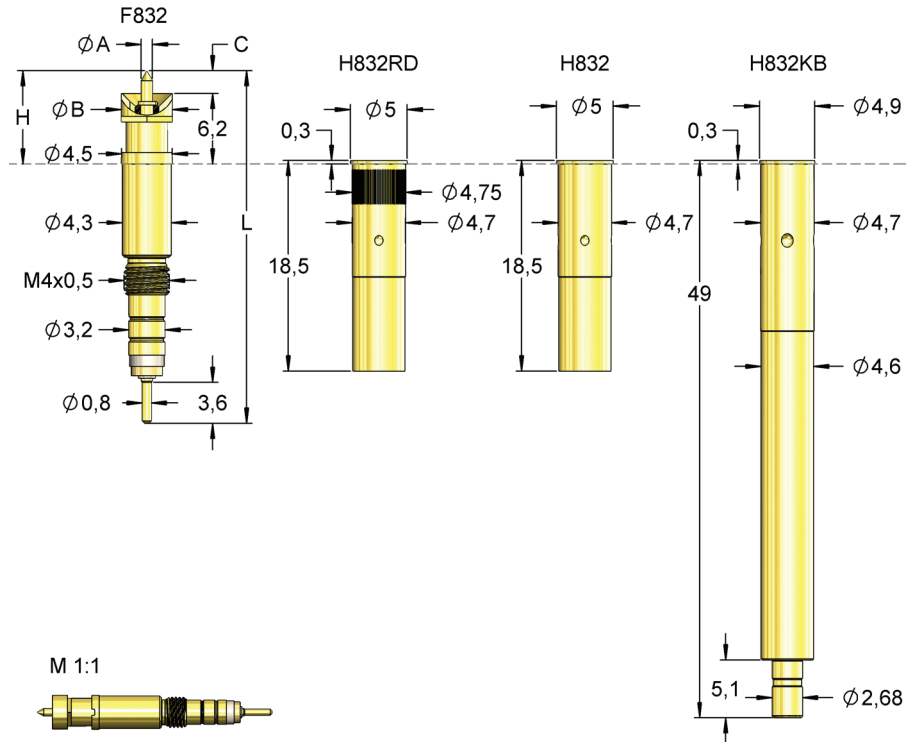
Insertion tool receptacle	FEWZ-822E0
Screw-in tool probe	FWZ832 (T)

Drill Size (mm)

Receptacle without knurl	4,68 - 4,69
Receptacle with knurl	4,70 - 4,72
Insulating receptacle	5,56 - 5,57

Projection Height (mm)

H832... with F832	H + 0,3
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* Center deviating from standard, depending on diameter.

Order Code	Sense Pin	Tip Style	ϕA	ϕB	C	H	L	Version	Screw-in Tool
F83203S0001L650		03	1,00	4,00	2,00	8,50	31,00	-	FWZ832; FWZ832T
F83203S0003L650		03	1,00	4,50	2,00	8,50	31,00	-	FWZ832; FWZ832T
F83203S0005L650		03	1,00	4,50	3,50	10,00	32,50	-	FWZ832; FWZ832T
F83205S0008L650IK10		05	0,60	4,00	2,80	9,30	31,80	IK	FWZ832; FWZ832T
F83205S0007L650IK25		05	0,60	4,00	4,30	10,50	33,30	IK	FWZ832; FWZ832T
F83205S0001L650		05	1,00	4,00	2,00	8,50	31,00	-	FWZ832; FWZ832T
F83205S0003L650		05	1,00	4,50	2,00	8,50	31,00	-	FWZ832; FWZ832T
F832110017L650		11	0,65	* 6,00	1,50	8,00	30,50	-	FWZ832; FWZ832T
F83239S0001L650		39	1,00	5,00	2,00	8,50	31,00	-	FWZ832; FWZ832T



Accessories for Coaxial Probes F822 / F832

Mounting option 1

Order code: H822

Plug-in receptacle for soldering suitable for F822

Order code: H832

Threaded receptacle for soldering suitable for F832

Order code: H832RD

Threaded receptacle with knurl for soldering suitable for F832

Order code: H822AE

Connection element plug-in for soldering suitable for F822/F832

Mounting option 2

Order code: H832KB

Threaded coax combi receptacle with SSMB Mini connector suitable for F822/F832

Order code: H822AE1

Connection element with pre-assembled coaxial cable RG 174 and **straight** SSMB Mini connector
Impedance: 50 Ohm
Standard length: **600 mm**

Order code: H822AE2

Connection element with pre-assembled coaxial cable RG 174 and **angled** SSMB Mini connector
Impedance: 50 Ohm
Standard length: **600 mm**

Order code: H822AE3

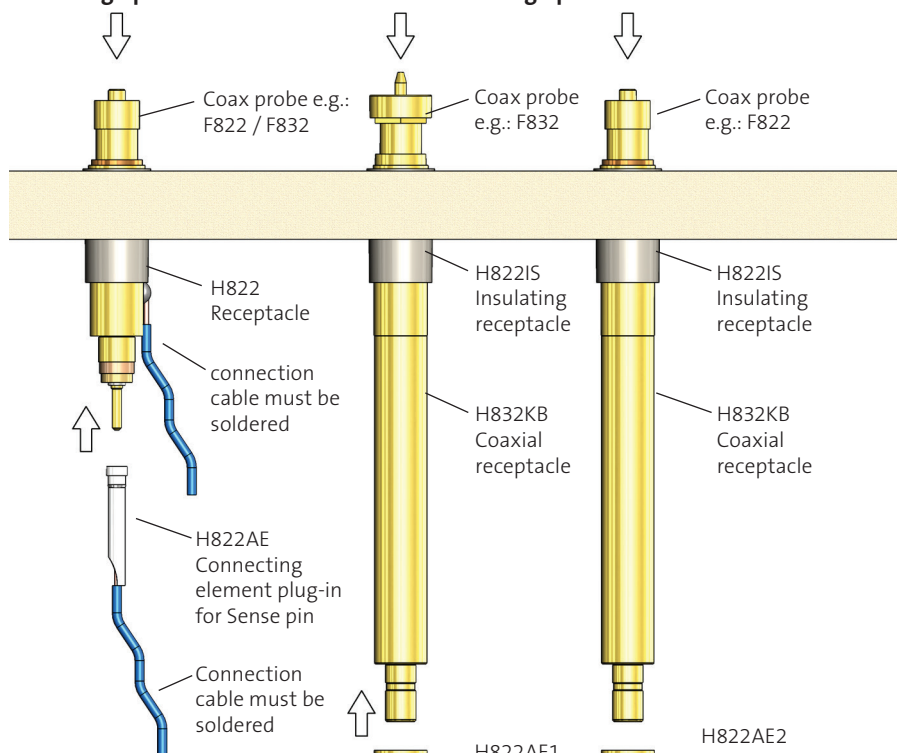
Connection element with pre-assembled coaxial cable RG 174 and **straight** SSMB Mini connector
Impedance: 50 Ohm
Standard length: **2000 mm**

Additional option

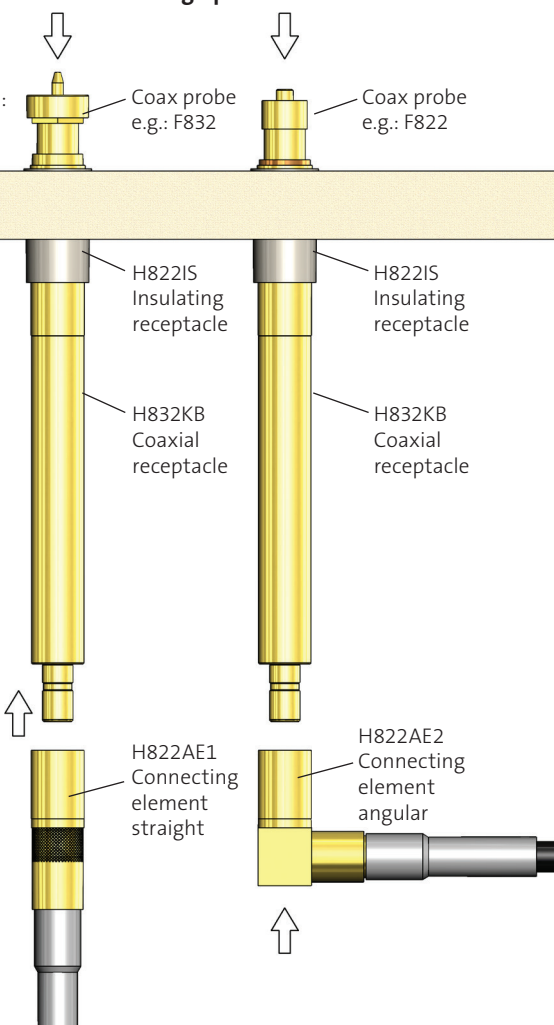
Order code: H822IS

Plug-in insulating receptacle for insulated mounting into conductive material suitable for H822... for drill holes \varnothing 5,55 mm

Mounting option 1



Mounting option 2



The pluggable F822 also can be used in all screwable receptacles of series H832.

