

F832

6 A | 217 mil | Threaded



Electrical specifications

Temperature [°C]	-45°...+200°	
Impedanz [Ohm]	50	
Frequenz [GHz]	1.2	
	SENSE	POWER
Current [A]	1.6	6
R <sub>TYP</sub> [mOhm]	30	60

Mechanical specifications

	SENSE	POWER
Preload [cN]	100	250
Spring force [cN] at nt ±20%	200	450
Nominal travel [mm]	3.0	2.0
Maximum travel [mm]	3.5	2.5

Materials and plating

Contact SENSE	Steel	longtime gold plated
Contact POWER	BeCu	gold plated
Barrel	BeCu	gold plated
Spring SENSE	Stainless steel	unplated
Spring POWER	Stainless steel	unplated
Receptacle	Brass	gold plated

Accessories

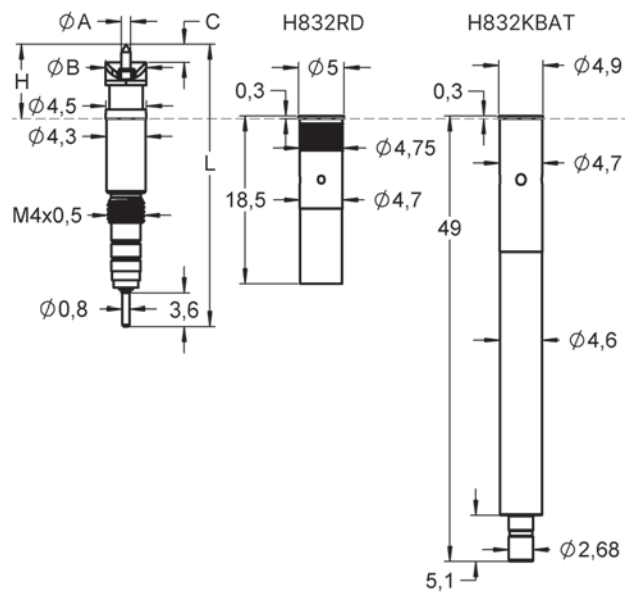
Receptacles see H832...		
1017393	FEWZ822E0	Insertion tool receptacle
1017382	FWZ832T	Screw-in tool probe

Drill size recommendation (mm)




















Insulation receptacle H822IS	5.56 - 5.57
Receptacle with knurl	4.70 - 4.72
Receptacle without knurl	4.68 - 4.69

Series drawing

All measurements are in mm.



# KELVIN PROBES

Order code	Product name	Power	Sense 1	Ø A	Ø B	C	H	Thread [M]	Version	FM Choice
1017306	F83203S0001L650	05 	03 	1.00	4.00	2.00	8.20	M4x0.5	-	
1009719	F83205S0008L650IK10	05 	05 	0.60	4.00	2.80	9.00	M4x0.5	IK10	
1029303	F83205S0007L650IK25	05 	05 	0.60	4.00	4.30	10.50	M4x0.5	Fakra-Male	
1057671	F83211S0021L650	05 	11 	0.45	3.60	0.50	9.20	M4x0.5	-	
1045235	F83211S0022L650	05 	11 	0.80	5.50	2.00	8.20	M4x0.5	Fakra-Female	
1052948	F83216S0023L650	05 	16 	0.80	5.50	2.00	8.20	M4x0.5	-	
1000766	F83239S0001L650	05 	39 	1.00	5.00	2.00	8.20	M4x0.5	-	-
1022371	F83239S0019L650	05 	39 	1.00	5.50	2.00	8.20	M4x0.5	-	-