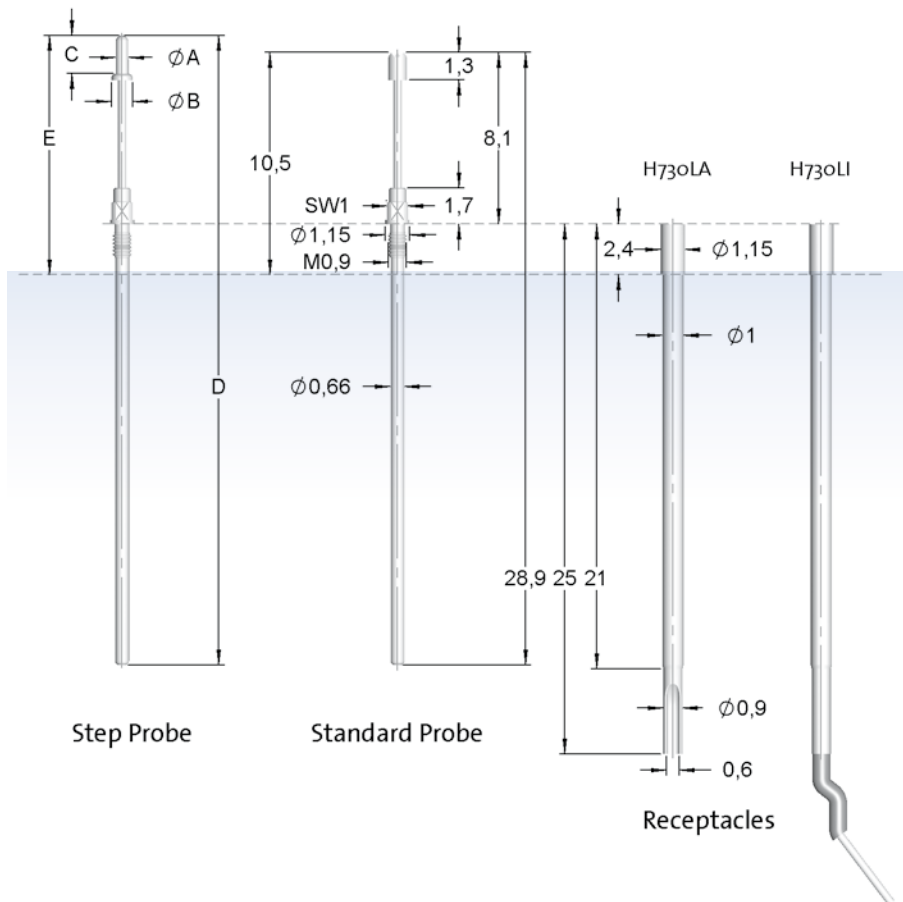


Centers 1,27 mm/50 mil

Type	Current up to	Temperature
F730	3,0 A	-20°...+80°C
F730...SP	3,0 A	-20°...+80°C

Threaded Probes

www.feinmetall.com



Threaded Probe / Step Probe for Position Test F730 / F730...SP

The F730 is screwed into the receptacle H730LA in order to prevent ejection. The H730LA is sealed and allows to build up airtight applications.

Mechanical Specifications

Working Travel: 4,0 mm

Full Travel: 5,0 mm

Preload (cN):	20
Spring Force (cN) at Working Travel (±20%):	110

Pointing Accuracy: ± 0,08 mm

Electrical Specifications

Maximum Continuous Current: 3,0 A

Typical Probe Resistance: 50 mOhm

Materials and Finishes

Plunger: Beryllium copper (BeCu), Gold plated / Steel, Longtime gold plated

Barrel: Bronze, Gold plated

Spring: Music wire, Gold plated

Receptacle: Bronze, Gold plated

Projection Height	
H730LA	H730LI*
10,5 mm (SP-Version see table)	10,5 mm (SP-Version see table)

* with flexible wire AWG28 (overall length: 550mm)

Plunger Tip Style, Material, Finish and Tip Diameter (mm)

06 BeCu; G Ø 0,90	11 BeCu; G on request	12 BeCu; G Ø 0,64	12 BeCu; G see table	16 BeCu; G on request
17 BeCu; G Ø 0,64	18 BeCu; G Ø 0,40	18 Steel; L Ø 0,40		

Tip Style	No.	Tip Ø A	Plate Ø B	Tip Length C	Overall Length D	Projection Height E
12	0001	0,6	1,0	1,8	29,7	11,3
12	0002	0,6	1,0	2,6	30,5	12,1
12	0003	0,5	0,9	1,4	29,3	10,9

Type	Number	Spring Force
F 730	12B 0001	G 110 SP
Tip Style	Material	Finish
Step Form		
Material:	B = BeCu	
Number:	see table	
Finish:	G = Gold plated,	
Receptacle:	Order Number see list	
	Projection Height	

ORDER EXAMPLE STEP PROBE

Type	Tip Diameter	Spring Force
F 730	06B 090	G 110
Tip Style	Material	Finish
Material:	B = BeCu, S = Steel	
Tip Diameter:	0,90 mm = 090 (e.g.)	
Finish:	G = Gold plated,	
	L = Longtime gold plated	
Receptacle:	Order Number see list	
	Projection Height	

ORDER EXAMPLE THREADED PROBE