

GKS 912

ICT-/FCT Test Probe

Grid:

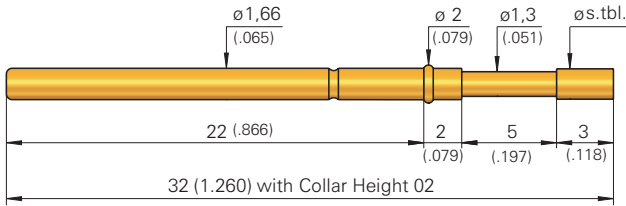
≥ 2,54 mm

≥ 100 Mil

Installation Height: 10,0 - 18,0 mm (.394 - .709)

Recommended Stroke: 4,0 mm (.157)

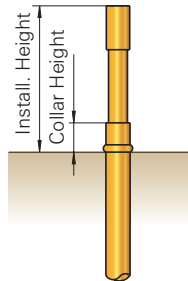
Mounting and Functional Dimensions



Collar Height and Installation Height

To adjust the Installation Height off the Tip (Dimension without Receptacle) use Test Probes with alternative Collar Heights.

Collar Height	Installation Height (without Receptacle)
02	10,0 mm (.394)
03	11,0 mm (.433)
04	12,0 mm (.472)
05	13,0 mm (.512)
06	14,0 mm (.551)
07	15,0 mm (.591)
10	18,0 mm (.709)



(**Tip Style 00x: Install. Height is 0,8 mm (.031) higher)

Mechanical Data

Working Stroke: 4,0 mm (.157)
Maximum Stroke: 5,0 mm (.197)
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 0,6 N (2.2oz); 0,8 N (2.9oz); 2,25 N (8.1oz); 3,0 N (10.8oz); 5,0 N (18.1)

Electrical Data

Current Rating: 5 - 8 A
R_i typical: < 20 mΩ (* > 100 mΩ)

Materials

Plunger: BeCu or Steel, gold-plated, rhodium- or chemically nickel-plated
Barrel: Nickel-Silver or Brass, gold-plated
Spring: Steel, gold-plated or Stainless Steel* (C)

Operating Temperature

Standard: -40° bis +80° C
***with Spec. Designation "C":** -100° up to +200° C (0,8 ; 1,5; 2,25; 3,0 N)

Note:

For Test Probes series GKS-912 Receptacles of the series KS-112 are used (see Page 50).

Tools:

Insertion and Extraction Tools for GKS and KS see Page 118.

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2	01	A	∅ 1,30 (.051)	0,60 R (.024) 0,80 R (.031) 1,00 R (.039)
3	02	A	∅ 2,00 (.079)	2,50 (.098)
3	03	A	∅ 2,00 (.079)	1,80 (.071) 2,50 (.098) 3,50 (.138)
2	04	A	∅ 1,80 (.071)	1,30 (.051) 2,00 R (.079)
3	05	A	∅ 2,00 (.079)	0,70 (.028) 1,40 (.055) 1,50 (.059)
0	06**	A	∅ 2,30 (.091)	
3	06	A	∅ 2,00 (.079)	1,40 A (.055)
3	06	R	∅ 2,00 (.079)	1,50 (.059) 1,80 (.071) 2,50 (.098) 3,50 (.138)
2	07	A R	∅ 2,00 (.079)	1,30 A (.051) 1,50 A (.059) 1,80 A (.071) 2,50 A (.098)
2	09***	N	∅ 0,70 (.028)	0,70 A (.028) 0,80 A (.031)
2	14	A	∅ 1,80 (.071)	1,30 R (.051)
2	15***	A	∅ 1,80 (.071)	1,30 R (.051)
2	17	N	∅ 1,75 (.069)	1,30 A (.051)
2	24	R	∅ 2,00 (.079)	1,30 A (.051)
2	31	R	∅ 1,80 (.071)	
2	33	N	∅ 1,30 (.051)	
2	88	A	∅ 2,30 (.091)	
2	91	A	∅ 1,30 (.051)	1,30 N (.051) 1,30 G (.051)
2	93	A	∅ 1,60 (.063)	

** also available as Tip Style 0 02 or 0 03

*** pressed-in Steel Tip in Base Plunger of Brass

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Special Designation („C“)
GKS	0 = Delrin 2 = Steel 3 = BeCu			A = Gold G = Aurum N = Nickel R = Rhodium			
912							
204							
130							
A							
15							
02							

Test Probe