

# GKS 913 M

Short-stroke Screw-in Test Probe

## Grid:

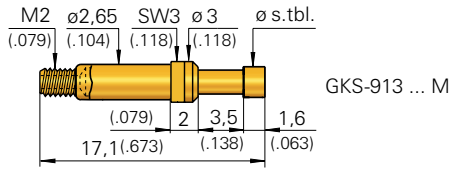
≥ 4,00 mm

≥ 160 Mil

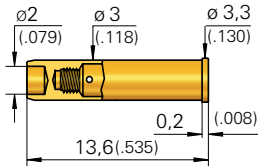
Installation Height: 7,2 / 8,7 mm (.283 / .343)

Recommended Stroke: 2,8 mm (.110)

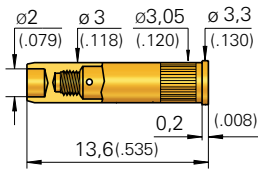
## Mounting and Functional Dimensions



GKS-913 ... M



KS-913 35 M



KS-913 35 M-R

## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
1 02		A	3,50	(.138)
3 03		A		
3 05		A		
3 06*		A		
3 06		A	3,50 R	(.138) 2,30 R (.091)
3 08		R		
3 58**		R		

Tip Length 3,4 mm (.134)

## Collar Height and Installation Height

The Installation Height of the Tip is determined by the Collar Height.

Collar Height	Tip Style	Install. Height (without KS)	max. Stroke
02	02/05/06/08	7,2 mm (.283)	3,5 mm (.138)
02	06 180*	7,2 mm (.283)	3,2 mm (.126)
02	58**	8,7 mm (.343)	3,3 mm (.130)

## Mechanical Data

**Working Stroke:** 2,8 mm (.110)

**Maximum Stroke:** see Table

**Spring Force at Work. Stroke:** 1,5 N (5.4oz)

**alternative:** 0,8 N (2.9oz); 2,5 N (9.0oz)

## Electrical Data

**Current Rating:** 5 - 8 A

**R<sub>i</sub> typical:** < 20 mΩ (\*\*\*) < 100 mΩ)

\*\*\* Spring force < 1,5 N are not recommended for high-current applications

## Operating Temperature

**Standard:** -40° up to +80° C

\*\*\* with Spec. Design. "C": -100° up to +200° C (1,5 N)

## Materials

**Plunger:** Brass or BeCu,

gold- or rhodium-plated

**Barrel:** Brass, gold-plated

**Spring:** Steel, gold-plated

or Stainless Steel\*\*\* (C)

**Receptacle:** Brass, gold-plated

## Mounting Hole Size

**in CEM 1 and FR 4:**

**with KS-913 35 M:**

∅ 2,98 - 2,99 mm  
(.1173 - .1177)

**for KS-913 35 M- R**

**in CEM 1 and FR 4:**

∅ 3,00 - 3,02 mm  
(.1181 - .1189)

## Note:

The Receptacle KS-913 35 M (-R) can only be combined with the Probe Type „GKS-913 ... M“

**For applications up to 24 A:**  
see HSS-520 on Page 106

## Note:

GKS-913 ... M will be screwed into KS-913 35 M (-R) using special tools (see Page 170/171).

**Recommended Screw-in Torque:**  
Min.: 5 Ncm / Max.: 10 Ncm

## Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Typ M, MC
	1 = Brass 3 = BeCu			A = Gold R = Rhodium			

Test Probe:

G K S 9 1 3 3 0 8 2 3 0 R 1 5 0 2 M

Receptacle:

K S - 9 1 3 3 5 M K S - 9 1 3 3 5 M - R