

GKS 913 M

Short-stroke Screw-in Test Probe

Grid:

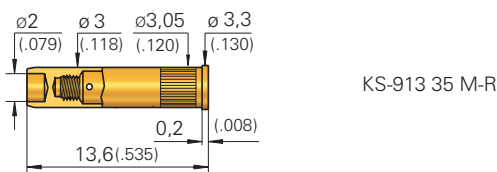
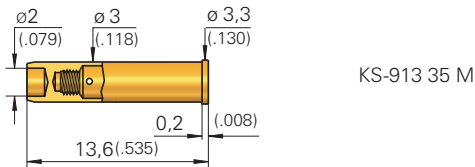
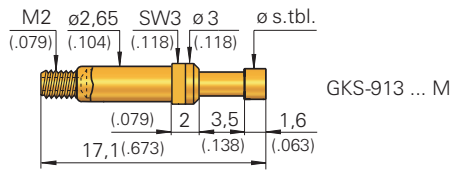
≥ 4,00 mm

≥ 160 Mil

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

Recommended Stroke: 2,8 mm (.110)

Mounting and Functional Dimensions



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 2,30 R	(.138) (.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_i 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 1 = Brass 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold R = Rhodium	Spring Force (dN)	Collar Height (mm)	Typ M, MC
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					