

SKS 465 M

Grid:
 $\approx 3,50 \text{ mm}$
 $\approx 140 \text{ Mil}$

Screw-in Switching Probe
 Installation Height: 10,5 - 26,5 mm (.413 - 1.043)
 Switching Path: 1,7 mm (.067)

Available Tip Styles

Material	Tip Style	Standard Plating	Special Versions	
			Ø mm	(Ø inch)
0	02	A	5,00 2,30	(.197) (.091)
3	02	A		
3	03	A		
3	06	A		
3	06	A	4,00	(.157)
3	53*	A		
3	56*	A		
3	56*	A		

* Tip Length: 9,5 mm (.374)

Mounting Hole Size

in CEM 1 and FR 4: $\varnothing 2,98 - 2,99 \text{ mm}$ (.1173 - .1177)

Materials

Plunger: BeCu, gold-plated with or without Insulator Cap
 Barrel: Brass, gold-plated
 Spring: Steel, gold-plated resp. stainless Steel
 Receptacle: Brass, gold-plated
 Insulation: Teflon

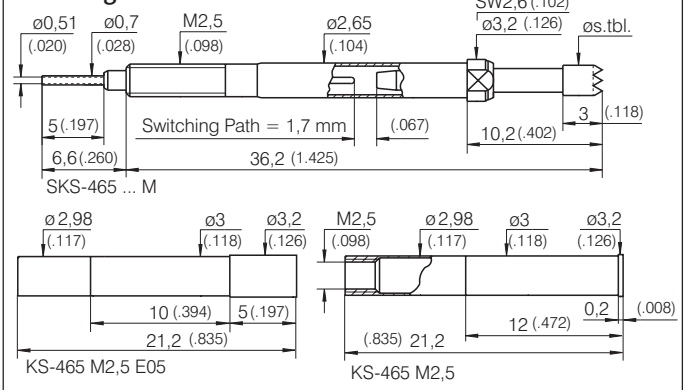
Note:

Probes are screwed into KS-465...M using tools > see Page 103.
 Test Probes SKS-465 ... M with Tip Diameter > 3,0 mm cannot be assembled with the available Screw-in Tools.
 Recommended Screw-in Torque: maximal 20 Ncm

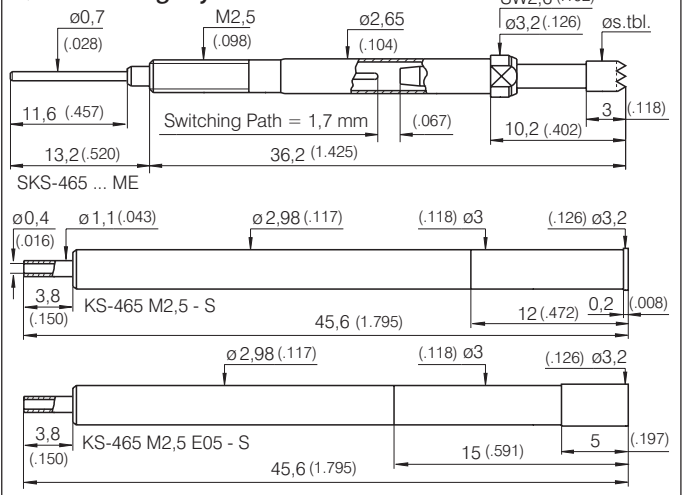
Quick-change Receptacles:

Receptacles with end designation "-S" are quick-exchange Receptacles. The two wires are soldered to the outside wall of the Receptacle and the central Terminal point. This is done after assembling the Receptacle in the Mounting Hole.
 The Switching Probe SKS-465 ... ME can now be inserted or changed without any further soldering work.

Mounting and Functional Dimensions



Quick-exchange System



Mechanical Data

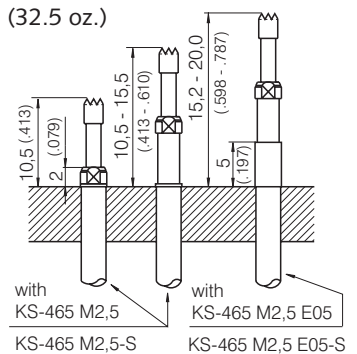
Maximum Stroke: 5,2 mm (.205)
 Switching Path: 1,7 mm (.067) \pm 0,3 mm (.012)
 Force at Switching Point: 0,7 N (2.5oz)
 Force at 80% Stroke: 2,0 N (7.2 oz.)
 3,5 N (12.7 oz.)
 9,0 N (32.5 oz.)

Electrical Data

Current Rating: 3 A

Collar Height and Installation Height

Crimps in the Receptacle prevent the Test Probe from rotating. Different Installation Heights can be variably achieved with different Receptacles:



Designation of the Receptacle	Installation Heights with Tips 02/03/06	Installation Heights with Tips 52/53/56
KS-465 M 2,5 (- S)	10,5 - 15,5 mm	17,0 - 22,0 mm
KS-465 M 2,5 E05 (- S)	15,2 - 20,0 mm	21,7 - 26,5 mm

Ordering Example:

Series	Tip Material 0 = Delrin 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Typ alternative "ME"
--------	--	-----------	----------------------------	---------------------	----------------------	-----------------------	-------------------------

Test Probe:

SKS 465 3 06 230 A 20 02 M

Receptacles:

KS - 465 M2,5 (-S) KS - 465 M2,5 E05 (-S)

Plug for SKS-465 ... M (> see page 93):

SE - 081

All specifications are subject to change without prior notification