

Screw-in Switching Probe
Installation Height: 10,5 - 20,0 mm (.413 - .787)
Switching Path: 1,5 mm (.059)

Grid:
 \approx 2,54 mm
 \approx 100 Mil

SKS 215 M

Available Tip Styles						
Material	Tip Style	Standard Plating	Special Versions			
			Ø	(Ø inch)		
0	02		Ø 1,80 (.071)	A		
3	02		Ø 1,80 (.071)	A	1,00	(.039)
3	03		Ø 1,80 (.071)	A		
3	05		Ø 1,00 (.039)	A		
3	06		Ø 1,80 (.071)	N		

Electrical Data

Current Rating: 3 A

Mechanical Data

Switching Path: 1,5 mm (.059) ± 0,2 mm (.008)
 Maximum Stroke: 5,0 mm (.197)

Spring Force (dN)	Spring Force at Switching Point	Spring Force at 80% Stroke
08	0,23 N (0.8oz)	0,8 N (2.9oz)
15	0,45 N (1.6oz)	1,5 N (5.4oz)
30	0,90 N (3.2oz)	3,0 N (10.8oz)

Materials

Plunger: BeCu, gold- or nickel-plated
 (or gold-plated with Insulator Cap)
 Barrel: Brass, gold-plated
 Spring: Steel, gold-plated
 Receptacle: Brass, gold-plated

Quick-exchange Receptacles:

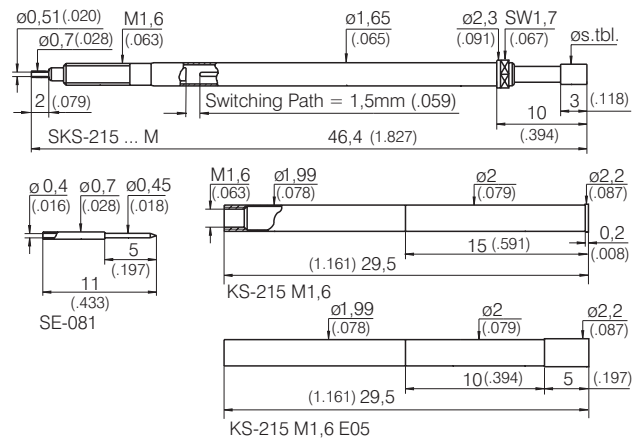
Receptacles with end designation "-S" are quick-exchange Receptacles. The two wires are soldered to the outside wall of the Receptacle and the central Terminal point. This is done after assembling the Receptacle in the Mounting Hole. The Switching Probe can now be inserted or changed without any further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

Note to SKS - 215 M and KS - 215 xx M

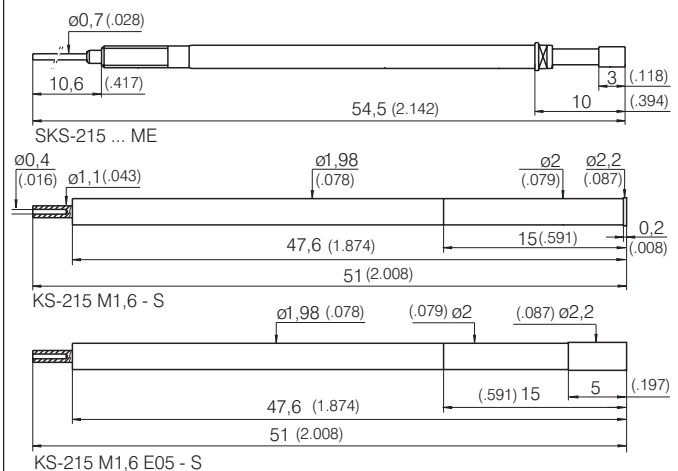
SKS-215 M are screwed into KS-215 ... M using special tools > see page 103.

Recommended Screw-in Torque: Maximum 5 Ncm

Mounting and Functional Dimensions

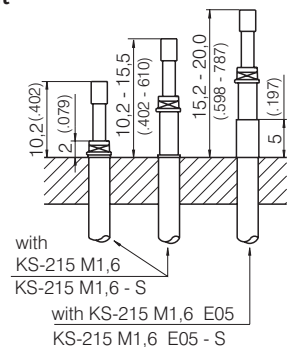


Quick-exchange System



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	Installation Heights
KS-215 M1,6 (- S)	10,5 - 15,5 mm (.413 - .610)
KS-215 M1,6 E05 (- S)	15,2 - 20,0 mm (.598 - .787)

Mounting Hole Size
 in CEM 1 and FR 4: Ø 1,99 mm (.0783)

Ordering Example:

Series	Tip Material 0 = Delrin 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating N = Nickel A = Gold	Spring Force (dN)	Collar Height (mm)	Type alternative "ME"
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Test Probe:

SKS 215 3 02 180 A 30 02 M

Receptacles:

KS-215 M1,6 (- S) KS-215 M1,6 E05 (- S)

Plug:

SE-081

All specifications are subject to change without prior notification