

PKS 355 M

Screw-in Pneumatic Test Probe

Grid:

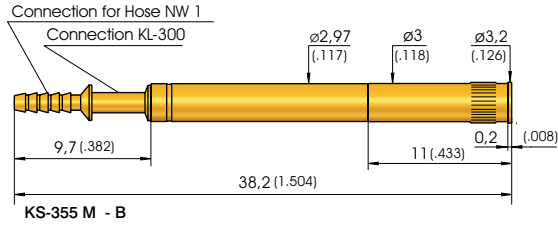
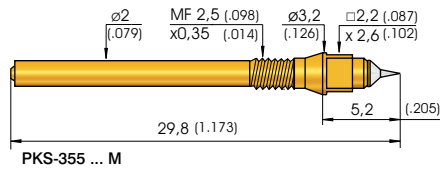
≥ 3,5 mm

≥ 140 Mil

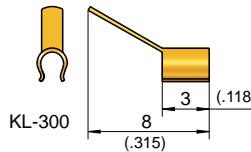
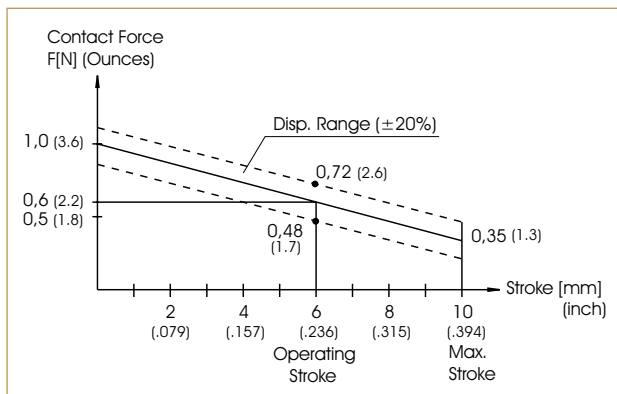
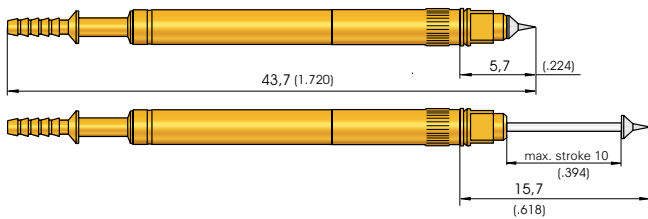
Installation Height (with KS): 5,7 mm (.224)

Recommended Stroke: 6,0 mm (.236)

Mounting and Functional Dimensions



Assembly PKS-355 M in KS-355 M-B



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2 01 ***		R	∅ 1,50 (.059)	
2 04 **		R	∅ 1,30 (.051)	
2 06 **		A	∅ 1,00 (.039)	
2 33 **		A	∅ 1,30 (.051)	
2 91 *		A	∅ 1,00 (.039)	

Collar Diameter:

* = 1,20 mm (.047)

** = 1,30 mm (.051)

*** = 1,50 mm (.059)

**** = 1,80 mm (.071)

Note:

Electrical and pneumatic connections are carried out only once at the time of customizing. The exchangeable unit PKS-355 M is screwed into the ready-wired and pneumatically connected up Receptacle KS-355 M-B. The Test Probe can be changed from above. The Test Fixture must not be opened. The wiring and pneumatic connections are not affected.

Note:

Pneumatic Accessories and general Instructions see Page 94/95.

Note to PKS-355 and KS-355 M-B:

PKS-355 are screwed into KS-355 using special tools (see Page 170/171.).

Recommended Screw-in Torque:
Min.: 10 Ncm / Max.: 20 Ncm

Mechanical Data

Working Stroke: 6,0 mm (.236)

Maximum Stroke: 10,0 mm (.394)

Cont. Force at Work.Stroke: 0,6 N (2.2oz)

Operating Medium: Compressed Air (filtered, oil-free)

Operating Pressure: 6 bar (86 psi)

Materials

Plunger: Steel, rhodium- or gold-plated

Barrel: Brass, gold-plated

Restoring Spring: Steel, gold-plated

Receptacle: Brass, gold-plated

O-Rings: Perbunan

Electrical Data

Current Rating: 1 - 2 A

R_i typical: < 30 mΩ

Mounting Hole Size for Receptacle

in CEM 1: ∅ 3,15 - 3,17 mm (.1240-.1248)

in FR 4: ∅ 3,17 - 3,18 mm (.1248-.1252)

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Type
	2 = Steel			A = Gold R = Rhodium			

Test Probe:

PKS 355 2 01 150 R 06 02 M

Receptacle for PKS-355 M:

KS - 355 M - B

Clip Connection with Solder Terminal for KS-355:

KL - 300