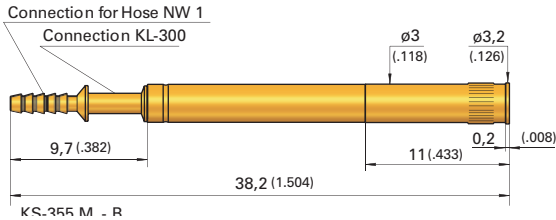
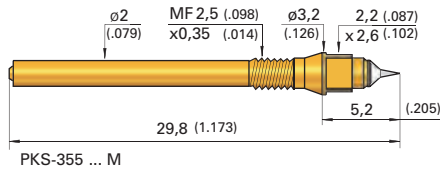


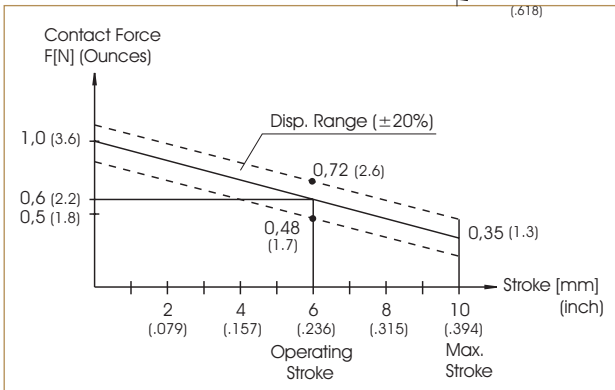
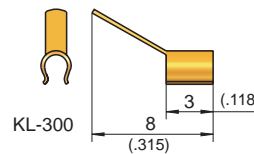
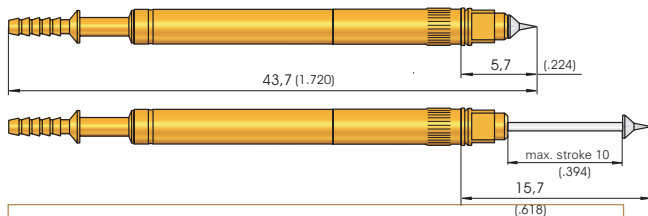
Grid:
 ≥ 3,5 mm
 ≥ 140 Mil

Installation height with KS: 5,7 mm (.224)
 Recommended stroke: 6,0 mm (.236)

Mounting and functional dimensions



Assembly PKS-355 M with quick-exchange system KS-355 M-B



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 CEM1: Ø 3,15 - 3,17 mm (.1240-.1248)
in FR4: Ø 3,17 - 3,18 mm (.1248-.1252)

Operating temperature

Standard: 0° up to +80 °C

Material	Tip style	Tip diameter	Plating	Further versions	
				Ø	Ø (inch)
2 01 ***		Ø 1,50 (.059)	R		
2 04 ***		Ø 1,30 (.051)	R		
2 06 **		Ø 1,00 (.039)	A		
2 33 **		Ø 1,30 (.051)	A		
2 91 *		Ø 1,00 (.039)	A		

collar diameter:

* = 1,20 mm (.047)

** = 1,30 mm (.051)

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

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

Note:

Electrical and pneumatic connections are performed at the time of customizing only. The exchangeable unit PKS-355 M is screwed into the pre-wired, pneumatically connected KS-355 M-B receptacle. 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 shown on page 174.

Recommended screw-in torque:
 Min.: 10 cNm / Max.: 20 cNm

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:

KS-355 M-B

Clamp connection with solder terminal for KS-355:

KL-300