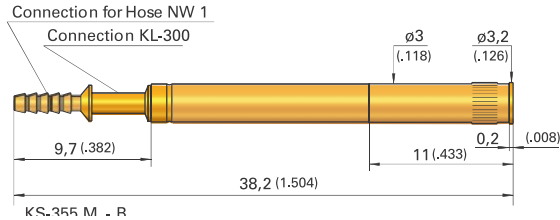
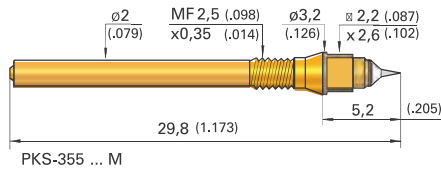


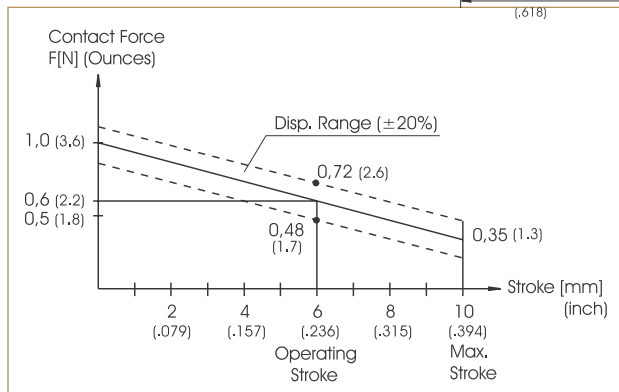
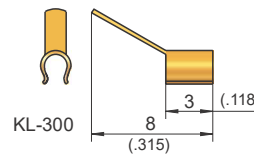
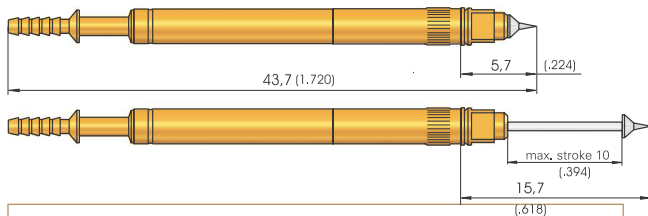
Grid:
 ≥ 3,5 mm
 ≥ 140 Mil

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_j 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

Available tip styles

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

Test probe:

P K S 3 5 5 2 0 1 1 5 0 R 0 6 0 2 M

Receptacle:

K S - 3 5 5 M - B

Clamp connection with solder terminal for KS-355:

K L - 3 0 0