



■ Touch probes for CNC lathes are used for measuring of inner diameter, outer diameter, and end surfaces.

■ **Standard specifications**

unit:mm

Product name	K2A
Contact structure	NC (Normally closed)
Output mode	NC (Normally closed)
Pretravel	Approx. 0
Stroke	X=±8* Z=4
Repeatability	0.001
Contact life time	3 Hundred thousand operations
Protective structure	IP67
Contact force	X=0.4N* Z=2N
Contact material	Tungsten carbide ball
Contact rating	DC5V - DC24V 10mA (Max20mA) resistance load
Cable	Oil resistant $\phi 5$ / 4cores Tensile strength 30N, Minimum bending R7
LED lamp	Default : LED ON / Operating : LED OFF

*with finger length of 35.5mm (F635)

■ **Precautions**

· Rubber materials used in some products are applicable to water-soluble coolants and alkaline liquids. (Refer to P5-4)

- Precautions for Touch Probe P2-3
- Precautions for sensor connecting P5-1
- Cable option P5-2
- Technical guide P5-3

■ **Options**

● **Finger**

D	ϕd	L2	Finger No.					
5	3	within 15		F615	F625	F635	F645	F655
			L1	15.5	25.5	35.5	45.5	55.5
			L2	6.5	15	15	15	15
4	2.5	within 15		F614	F624	F634	F644	F654
			L1	15.5	25.5	35.5	45.5	55.5
			L2	6.5	10	10	10	10
3	1.8	within 8		F613	F623	F633	F643	
			L1	15.5	25.5	35.5	45.5	
			L2	6.5	8	8	8	
2	1.2	within 5		F612	F622	F632	F642	
			L1	15.5	25.5	35.5	45.5	
			L2	5	5	5	5	



