TEST FINGER · DATASHEET

Capacitive Test Finger, 10 mm

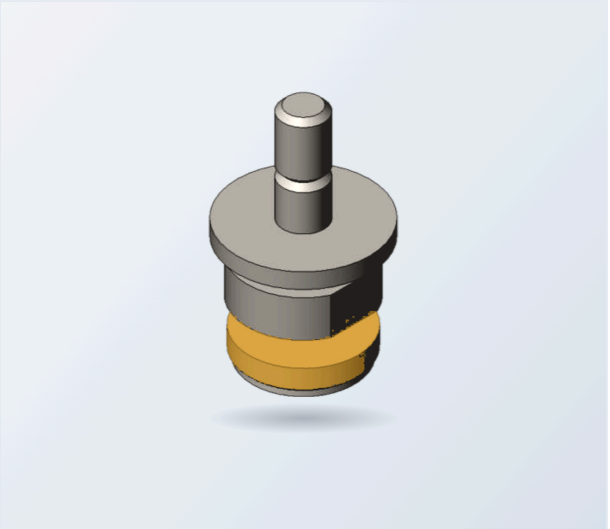
EM072771-0

BLUELEC
Part of JOT Automation

The **EM072771-0** is a capacitive test finger for touchscreen testing. Its Ø10 mm tip simulates a fingertip press on capacitive touch panels.

The recommended working stroke is 0.5 mm, giving a finger force of approximately 2.5 N. Finger force increases linearly with stroke, as shown in the force curve below.

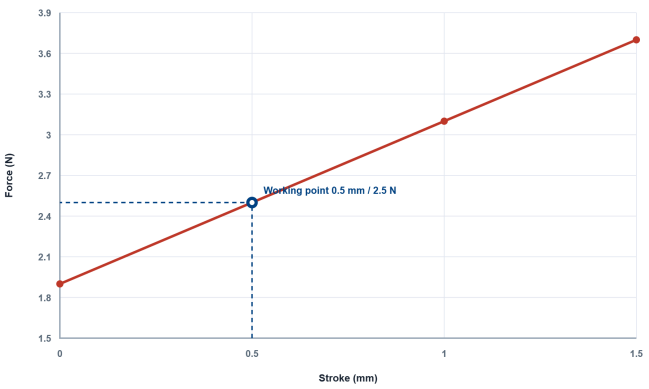
Designed for production testing, product development, repair and service centres, and laboratory use.



SPECIFICATIONS

Tip diameter	**Ø10 mm (Ø0.39 in)**
Flange diameter	**Ø13 mm (Ø0.51 in)**
Shaft diameter	**Ø4 / Ø3 mm (Ø0.16 / Ø0.12 in)**
Overall height	**21.1 mm (0.83 in)**
Tip material	**Highly durable conductive elastomer**
Recommended working stroke	**0.5 mm (0.02 in)**
Force @ working stroke	**~2.5 N**
Operating temperature	**0 – 60 °C**
Storage temperature	**−20 … +70 °C**
Relative humidity	**15 – 95 % non-condensing**
Compliance	**RoHS**

FINGER FORCE



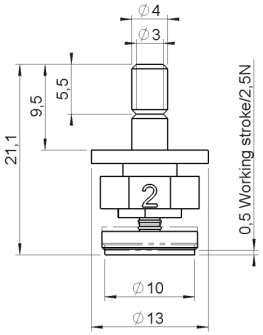
RELATED PRODUCTS

EM052210-1	Capacitive Test Finger, 10 mm
EM052210-2	Capacitive Test Finger, 5 mm
MA028458	Capacitive Test Finger, 8 mm
MA040494	Capacitive Test Finger, 8 mm, long stroke
MA002270	Multi Touch Finger, 5 mm

Contact **sales@bluelec.com** for custom test finger solutions.

DIMENSIONS

mm



3D CAD models available on request via **sales@bluelec.com**

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Specifications subject to change without notice.