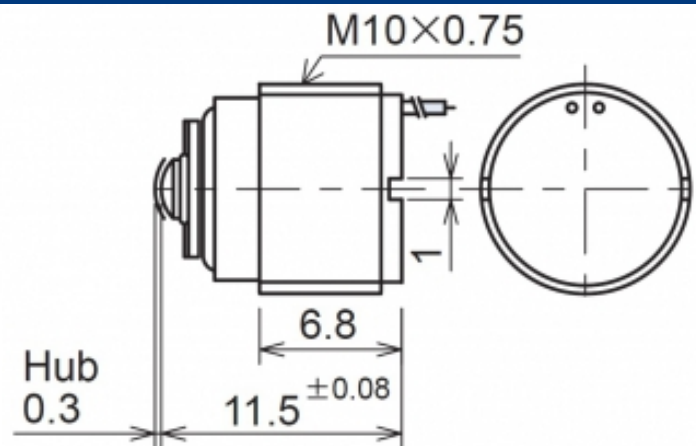


[Article Page](#)

Product Description

Touch Sensor



Name	STM81A-L
Order number	08430421005
Switch type	 - N.O.
Signal Type	mechanical contact
Connection	 Cable
Dimension (in mm)	fine-pitch thread M10x0,75 x l = 11,8

Technical Specification

Operating voltage	5 - 24 V DC
Max. load current	10 mA
Switching hysteresis	0
Operating temperature	0 ° C to 80 ° C
Temperature drift	0
Repeat accuracy	0,01 mm (at operating speed 50 ... 200 mm/min)
Switching state	LED
Stroke	0,3 mm
Pre-travel	0,15 mm
Accuracy	0,01 mm
Probe tip	Zylinder 2/R 2,5
Probe tip material	Edelstahl
Static load	3000 N
Operation load	1 N
art_ttl_mech	10 Mio. operating cycles
Protection category	IP67
Wiring	Zweidraht/ Two wire
Housing material	Stainless steel V2A

Termination	2 single wires 0.5 m, Ø0.6 mm, oil resistant
Approach direction	axial

Errors and omissions exceptet