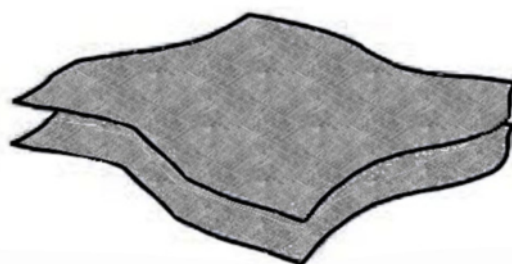


# KPS100100 LIMIT SWITCH

KPS100100 is the industrial version of TRAPOLPS09009001 soft sensor. This version has a TPU square casing able to resist to dust and water drops. Inside the case a dual fabric layer construction provides flexibility and release reliability. Due to a special construction this version has a wider sensitive area of 100 mm x 100 mm. High sensitivity on the whole surface of sensor. This super slim device is used as a limit switch to detect interactions between moving parts of machinery and operators.

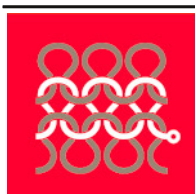
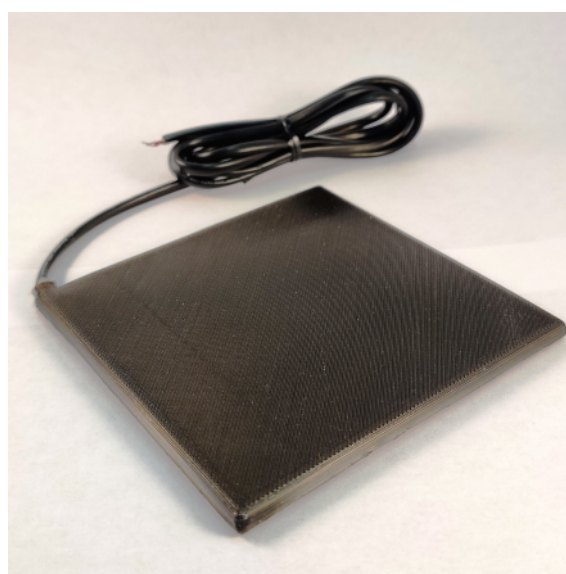
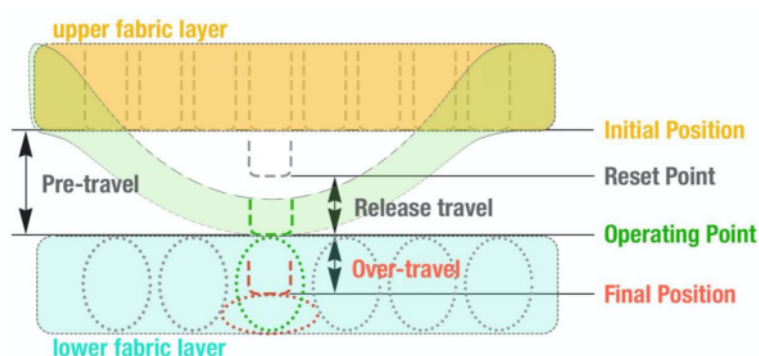
Patents Pending



Dual- layer

## Technical characteristics

	unit	
Working principle		contact switch
Operating pressure	kPa	24.6 +/-4.5
Pre-Travel	mm	0.28 +/-0.08
Over-travel	mm	0.75 +/-0.14
Release travel	mm	0.01
Grade of protection		IP52
Electrical life (on-off cycles)		> 100 x 10 <sup>3</sup>
Contact resistance	Ω	< 10
Operating temperature	°C	-10 to +60
Storage temperature	°C	-10 to +70
Rating at 24 DC	A	0.5
Size	mm	100 x 100 x 5



**Knitronix**  
industrial flexible sensors

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