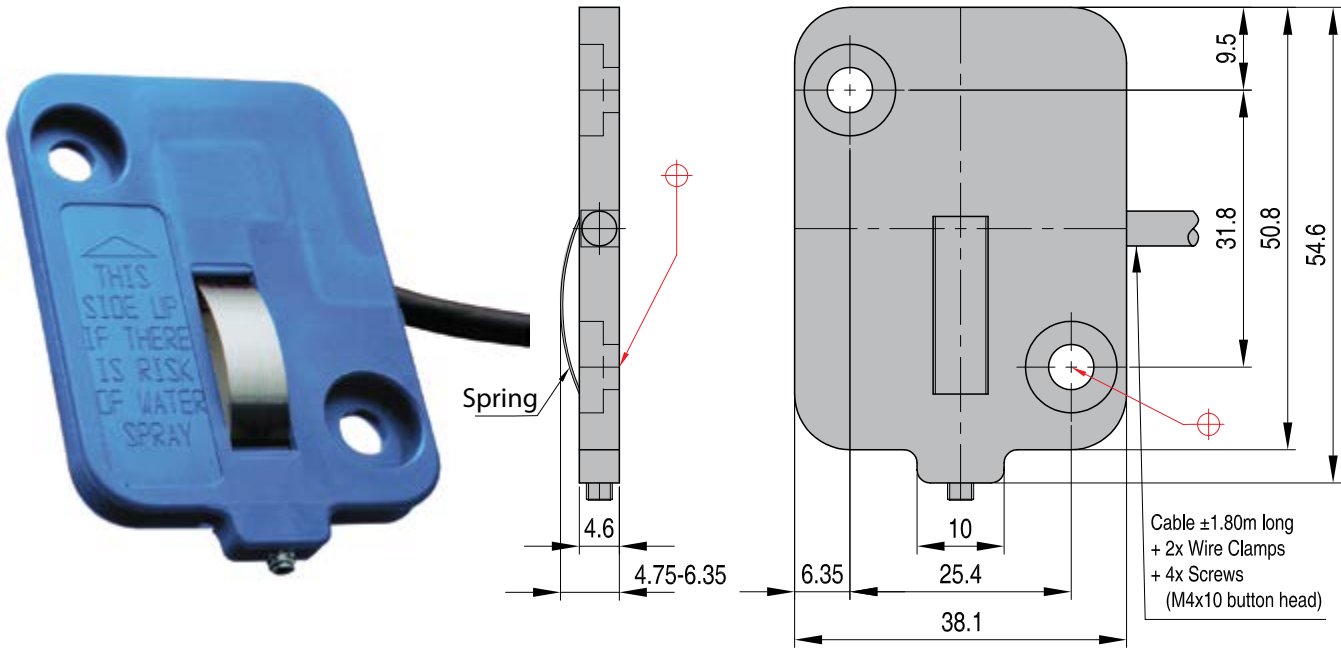


TSW2220 EU

Thinswitch™ Limit Switch

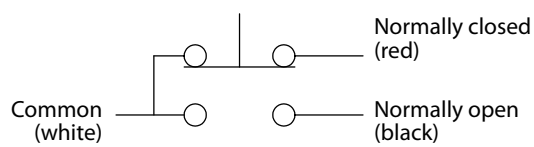


REF
TSW2220 EU

Specially designed to verify ejector plate return before permitting the mold to close in injection molding machines. Thin enough to fit inside the ejector plate, it can also be used for core slides, or any place space is limited. The Thinswitch Limitswitch has been tested for reliability over 10 million cycles without failure. Two switches can be used in series for larger molds to ensure the ejector plate return, preventing costly mold damage. Prevents costly damage by ensuring the ejector assembly is fully returned. Adjustable operating point allows actuation between 4.75 and 6.35 mm from the base. To be fitted behind the ejector plate in the space provided by stop button. Included mounting hardware allows easy installation of the Thinswitch Limit Switch. Stripped and tinned 1.80 m wire leads make the switch ready to install without modification. 79°C standard temperature rating enables use for most molding applications. Quality tested over 10 million cycles to provide long dependable service.

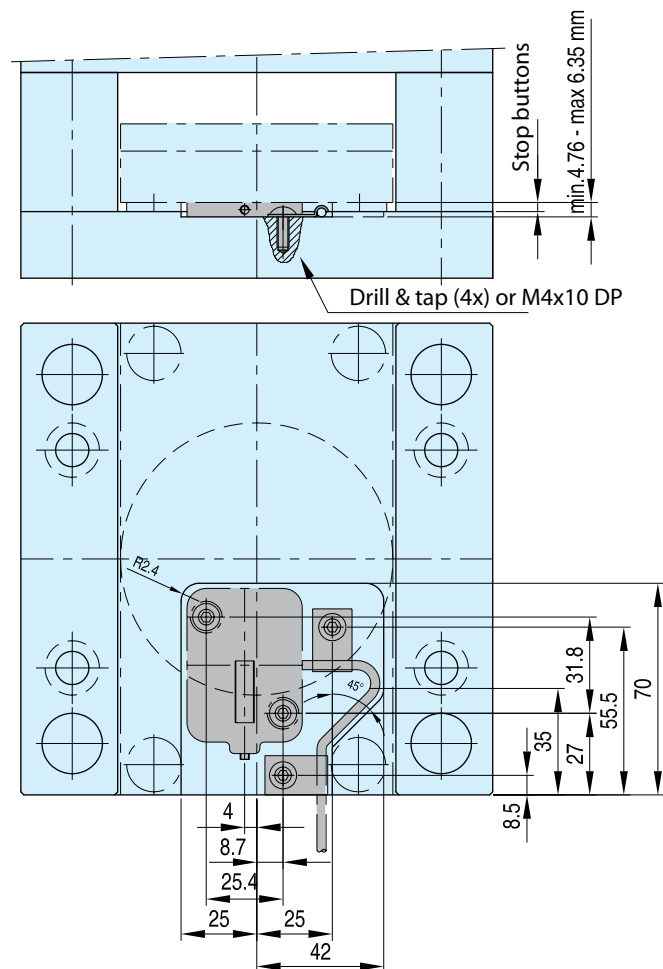
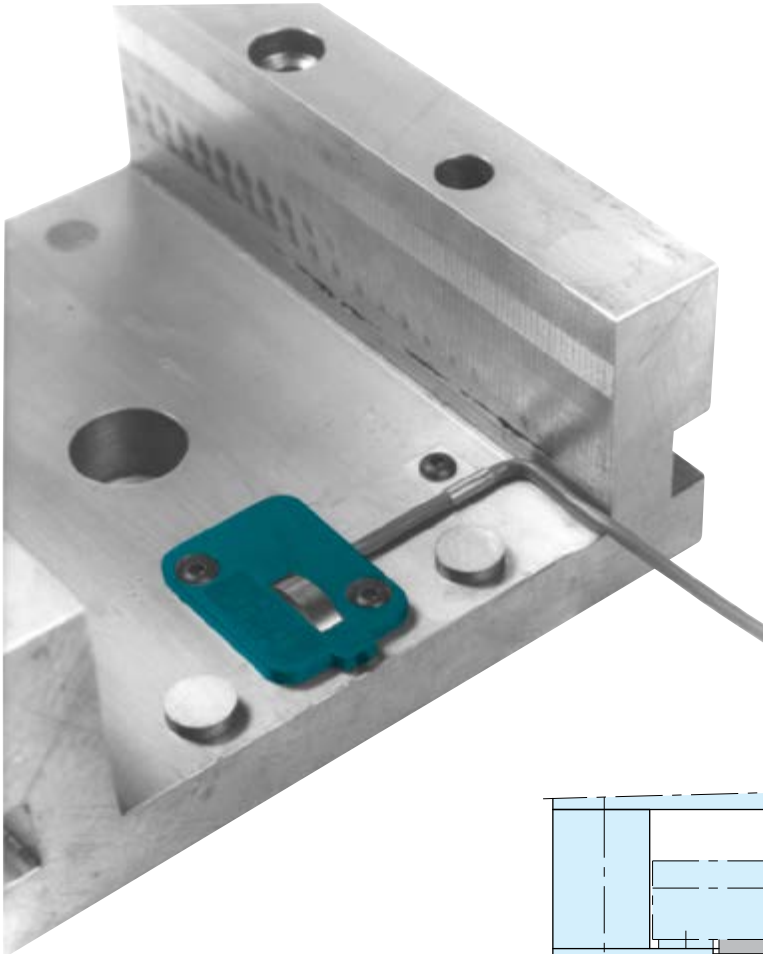
48 VAC	1 Amps resistive
	1 Amps inductive
40 VDC (sea level)	1 Amps resistive
	1 Amps inductive
Operating Temperature	79°C
Switching	SPDT
Material Body	Fiberglass-reinforced nylon
Material Spring	Stainless Steel
Back Cover	Polyester film
Wire leads	0.5 mm stranded, 3-conductor, shielded cable, 1.80 m long, ends stripped and tinned
Safety class	IP 31
The Thinswitch™ Limit Switch is designed for use in very low power mold protection control circuits. It is not intended to switch heavy loads in power applications.	

Schematic Diagram



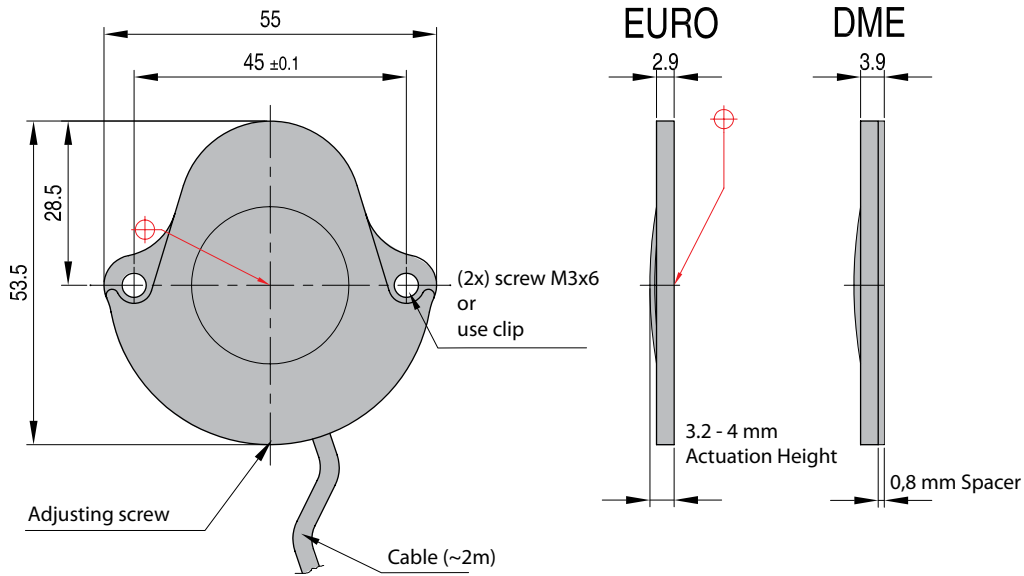
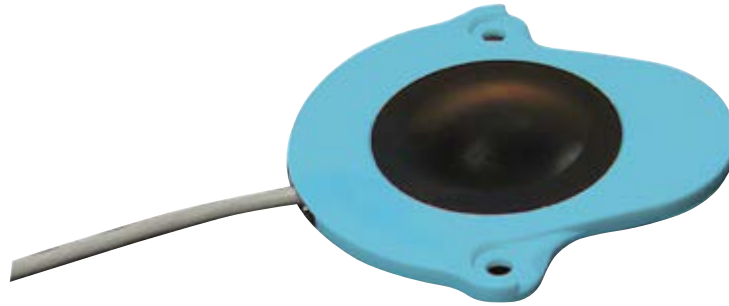
Thinswitch™ Limit Switch

TSW2220 EU



TSW2222

GlobalThinswitch®



TSW2222	REF
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A limit switch specially designed for use in injection molds with 3mm and 4mm rest buttons to verify that the ejector plate assembly is fully returned before allowing a mold to close after part ejection.

Switch mounting is accomplished using integral mounting holes, or by using a special bracket (included) that allows the switch to slide into place from the edge of the mold base without disassembling the mold.

A polyurethane dome and wire seal protect the internal switch mechanism from water or oil contamination, providing a longer switch life. Reliability for over 14 million cycles without failure.

Prevents expensive mold repair and maximizes uptime.

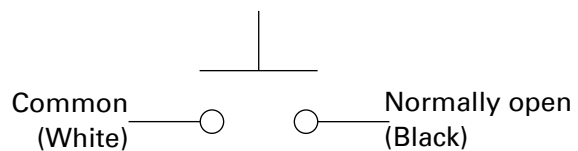
Suitable for use in environments up to 80°C

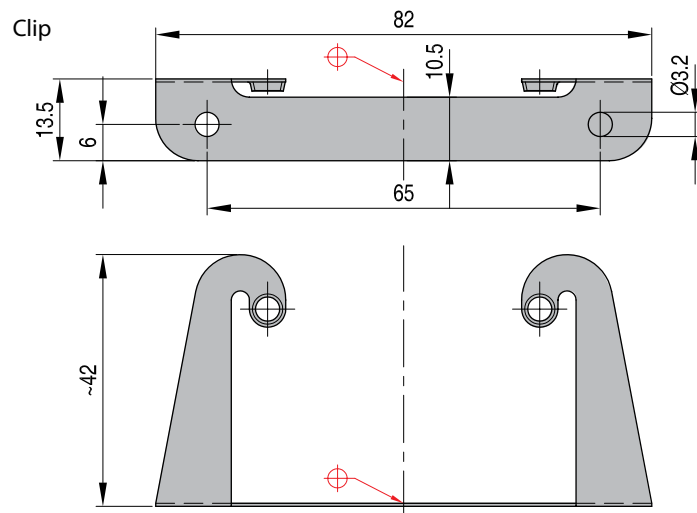
SPST Switching action, with gold-plated internal contacts for reliable operation.

Comes with wire leads (28 gauge stranded) and 2-conductor shielded cables, 2m long.

	Max T	80°C
Switching		SPST
Mat body		Fiberglass-reinforced nylon
Mat dome		Polyurethane
Back cover		Polyester film
Rated current (resistive) at 24VDC:		
mAmps		°C
100		30
90		50
80		68
70		80
Not intended for inductive loads		

Schematic Diagram





Installation instructions for bracket

