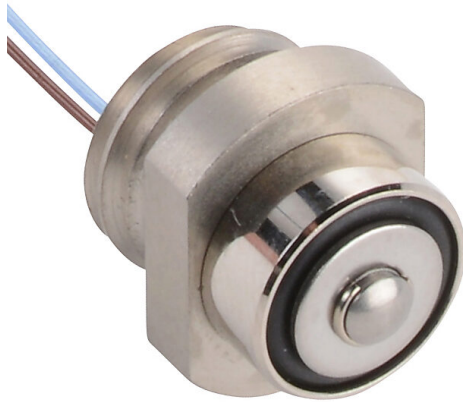


# STM83A Cut Sheet



Metrol limit switch, stopper, 10mm diameter, threaded, 1.5mm pitch, 12.8mm length, 2.5mm radius head, stainless steel, 3mm plunger with boot, 1N contact force, N.O. contact(s), 1.6ft/0.5m cable length, core wire.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/STM83A>

## Technical Specifications

<b>Brand</b>	Metrol
<b>Item</b>	Limit switch
<b>Switch Type</b>	Stopper
<b>Diameter</b>	10mm
<b>Barrel Type</b>	Threaded
<b>Length</b>	12.8mm
<b>Head Type</b>	2.5mm radius
<b>Actuator Type</b>	3mm plunger with boot
<b>Contact Force</b>	1N
<b>Contact Type</b>	N.O.
<b>Cable Length</b>	1.6ft/0.5m

<b>Connection</b>	Core wire
<b>Conductor Size</b>	32 AWG
<b>Stroke</b>	0.3mm
<b>Repeatability</b>	0.01mm
<b>Impact Resistance</b>	0.2 joules
<b>Withstand Load</b>	3000N
<b>Thread Pitch</b>	1.5mm
<b>Material</b>	Stainless steel
<b>IP Rating</b>	IP67
<b>Operating Temperature</b>	0 to 80 deg C

## Agency Approvals

<b>RoHS Status</b>	No
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/STM83A.pdf>  
See store item page for other formats.