

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, (1) 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

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|----------------------|-----------------------|------------------------------|-----------------|
| Brand | Metrol | Connection | Core wire |
| Item | Limit switch | Conductor Size | 32 AWG |
| Switch Type | Stopper | Stroke | 0.3mm |
| Diameter | 10mm | Repeatability | 0.01mm |
| Barrel Type | Threaded | Impact Resistance | 0.2 joules |
| Length | 12.8mm | Withstand Load | 3000N |
| Head Type | 2.5mm radius | Thread Pitch | 1.5mm |
| Actuator Type | 3mm plunger with boot | Material | Stainless steel |
| Contact Force | 1N | Head Material | Stainless steel |
| Contact Type | (1) N.O. | IP Rating | IP67 |
| Cable Length | 1.6ft/0.5m | Operating Temperature | 0 to 80 deg C |

Agency Approvals

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|-----------------------------|--|
| UL Listed File # | None |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CSA File # | None |
| RoHS Status | No |
| EU REACH | View EU REACH document |

Dimensional Drawings



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