

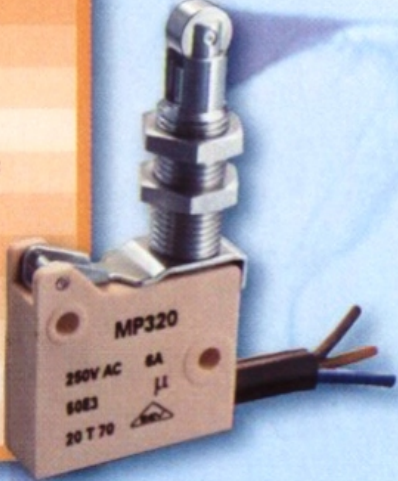
MP320 Microprecision Switches

- **Miniature IP67/68 microswitch with a service range up to 170°C and stainless steel levers**
- **Snap-action changeover simple break with the connection cable directly overmoulded into the housing**
- **Used for wide range of applications, including use in the most hostile industrial environments**
- **Features unparalleled flexibility in terms of levers and standard telescopic plungers**
- **Together with the option of manufacturing customized actuators, the applications are virtually unlimited**

The successful snap-action MP300 series switches are now in compliance with ATEX and are newly approved for zone 22 in potentially explosive dust atmospheres. The codification is EX II 3D ex t IIIB T84 ° C Dc, protection IP5X, ambient temperature -15° C to 80° C. The certification covers a wide range of actuators. The MP300 series switches are high precision, sealed snap-action switches for industrial applications. The switches are ENEC and UL approved and may be used up to temperatures of 170° C, depending on the wire or cable configuration.

SERIE MP300

Switch rating	250VAC 6A / 400 VAC 2A CSA 6A 250V AC / CSA 0,5A 125V DC
Standard	EN 61058-1:92 + A1.93 50E3 CSA C22.2 CSA No 28848
Degree of protection	IP67 / IP68
Terminal	connector PVC / PUR / SI / PTFE Connector AS-I
Temperature	-40°C to +200°C / -40°F to +392°F
Switching Diagram	change over
Mechanism	Snap-action
Mechanical life	50x10 ⁶
Dimensions	31x30.5x10.3 mm / 1.22x1.2x0.4 in DIN 41 635 Form A
Gold Contact	yes



MP320-0/375/200



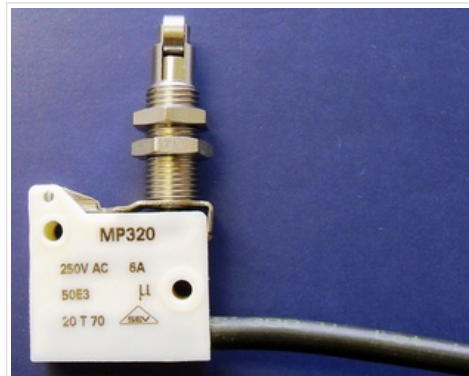
MP320 switch without actuator and with 2 meter (6.5 ft) PVC Cable

MP320-1ML/375/200



MP320 switch with Telescopic Roller Plunger with thread and 2 meter (6.5 ft) PVC

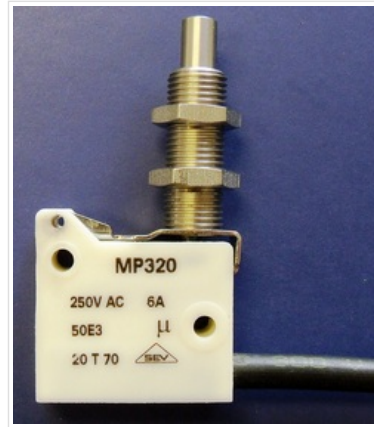
MP320-1MT/375/200



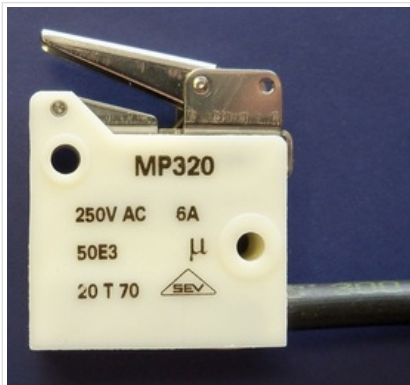
MP320 switch with Telescopic Transversal Roller Plunger with thread and 2 meter (6.5 ft) PVC Cable

MP320-1MS27/375/200

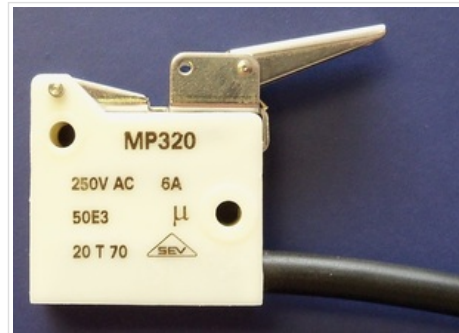
MP320 switch with Telescopic Plunger with 2m (6.5 ft) PVC Cable

MP320-1M/375/200

MP320 switch with Telescopic Plunger with thread and 2 meter (6.5 ft) PVC Cable

MP320-3MA/375/200

MP320 switch with Stiff Lever and 2 meter (6.5 ft) PVC Cable

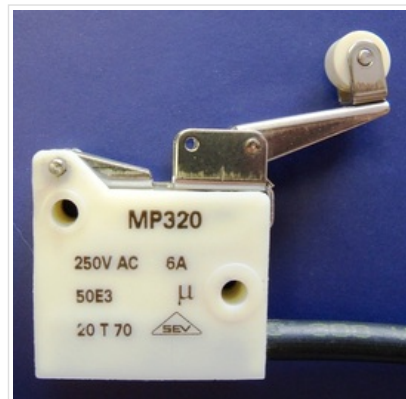
MP320-3MB/375/200

MP320 switch with Stiff Lever in Position B and 2 meter (6.5

ft) PVC Cable

MP320-5MAL/375/200

MP320 switch with Stiff Roller Lever with Reverse Action and 2 meter (6.5 ft) PVC Cable

MP320-5MBL/375/200

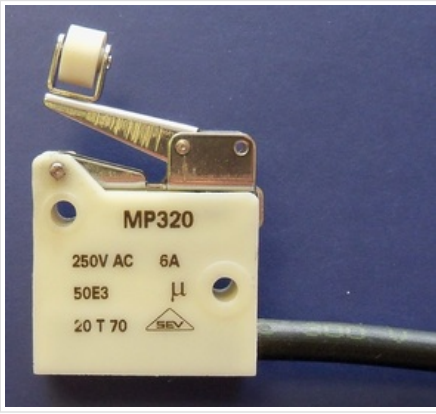
MP320 switch with Stiff Roller Lever in Position B and 2 meter (6.5 ft) PVC Cable

MP320-5MAT/375/200

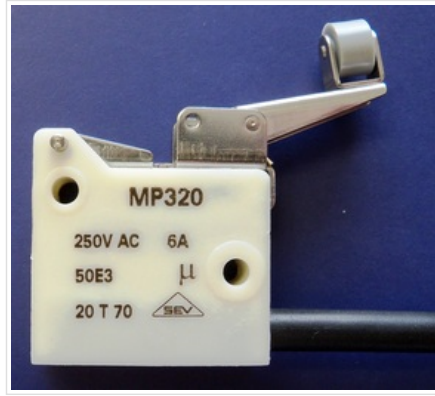
MP 320 switch with Stiff Transversal Roller Lever and 2 meter (6.5 ft) PVC Cable

MP320-5MBT/375/200

MP 320 switch with Stiff Transversal Roller Lever in Position B and 2 meter (6.5 ft) PVC Cable



MP320-6MAL/375/200



MP320-8ML25/375/200



MP320 switch with Stiff Tip-action Roller and 2 meter (6.5 ft) PVC Cable



MP 320 switch with Stiff Roller Direct Action Lever and 2 meter

(6.5 ft) PVC Cable

Switch Rating

**250VAC 6A / 400 VAC 2A
CSA 6A250V AC / CSA 0,5A 125V DC**

Standard

**EN 61058-1:92 + A1.93 50E3
CAS C22.2 CSA No28848**

Degree of Protection

IP67 / IP68

Terminal

cable PVC / PUR / SI / PTFE

Temperature

Connector AS-I

Switching Diagram

-40°C to + 200°C / -40°F to + 392°F

Mechanism

change over

Dimensions	50 x 10⁶
Gold Contact	31 x 30.5 x 10.3mm/ 1.22 x 1.2 x 0.4in DIN 41 635 Form A
Housing	yes
Plunger	PA6T/X Glass fiber reinforced, Auto-extinguishing according to UL94V-O
Membrane	PPS
Class of protection	Fluorsilicone rubber MFQ Variant XA (Membrane SI)
Contact gap	II
Operating range force	0.80mm
Termination	1.3 to 4.0 N, depending on actuator
	Cable and Leads: Standard 0.75mm² / 18AWG
	PVC/PVCU -20°C to 70°C
	PUR -40°C to 90°C
	SI -40°C to 130°C
	PTFE -40°C to 170°C

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