







MICRO SWITCH SE-D4MC-1020





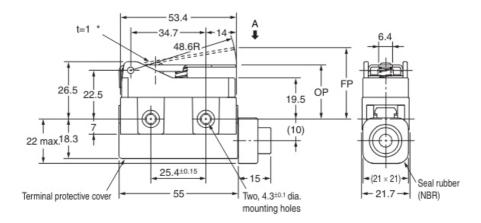
TECHNICAL DETAILS		
Degree of Protection	IP67	
Durability	10,000,000 operations min.	
	500,000 operations min.	
Operating speed	0.05 mm/s to 0.5 m/s *1	
Operating frequency	120 operations/min	
	20 operations/min	
Rated frequency	50/60 Hz	
Insulation resistance	100 MΩ min. (at 500 VDC)	
Contact resistance	15 m Ω max. (initial value for the built-in	
	switch when tested alone)	
Dielectric strength		
Between terminals of the same polarity	1,000 VAC, 50/60 Hz for 1 min	
Between each terminal and non-current-carrying part	2,000 VAC, 50/60 Hz for 1 min	
Rated insulation voltage (Ui)	1,000 VAC	
Pollution degree	3 (IEC947-5-1)	
(operating environment)		
Protection against electric shock	Class II	
PTI (tracking characteristics)	175	
Switch category	D (IEC335)	
Rated operating current (le)	10 A	
Rated operating voltage (Ue)	250 VAC	
Vibration resistance - Malfunction	10 to 55 Hz, 1.5-mm double amplitude *2	
Shock resistance - Destruction	1,000 m/s2 min.	
Shock resistance - Malfunction	100 m/s2 min. *1 *2	
Ambient operating temperature	-10°C to +80°C (with no icing)	
Ambient operating humidity	35% to 95%RH	
Weight	Approx. 71 g (in case of panel mount plunger)	





Operating Characteristics	
Operating Force	2.55 N
Release Force	0.34 N
Pre-travel	
Over Travel	2.5 mm
Movement Differential	1.7 mm
Free Position	33 mm
Operating Position	25±1 mm

Dimension



Contact Form

Features

- Enclosed Switches with Built-in Basic Switches for High Repeatability and Durability of 10 Million Operations Minimum.
- Suitable for applications demanding higher mechanical strength, dustproof and drip-proof properties than those on basic switches.