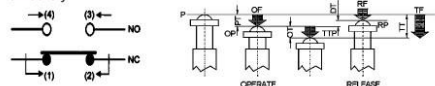


Features

- Wide choice of heads and actuators.
- Variety of operating characteristics.
- Captive cover screws.
- Dustproof, oil-tight, water-resistant.
- Stainless steel essentials.
- Standard size & dimensions, 1/2" conduit entry.
- Temperature range +15°F to +175°F (-10°C to +80°C).



Circuitry



Rating (contact)

10 A	125 or 300 V AC (resistive)
0.8 A	125V DC (resistive)
0.4 A	250V DC
1/2 HP	125V AC
1 HP	250V AC

Operating characteristics

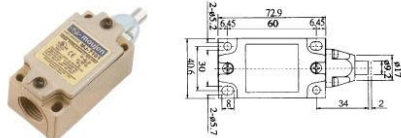
	B18420A	B18420C	B18420E	B18420G	B18420J	B18420K	B18420M	B18420N
OF Max.	2800g-6 lbs.	2800g-6 lbs.	2800g-6 lbs.	2800g-6 lbs.	1400g-0.3 in. lbs.	1400g-0.3 in. lbs.	1400g-0.3 in. lbs.	150g-5 in. oz.
RF Min.	900g-2 lbs.	900g-2 lbs.	900g-2 lbs.	900g-2 lbs.	227g-1/2 lb.	227g-1/2 lb.	227g-1/2 lb.	-
PT Max.	2.0mm-0.07 in.	2.0mm-0.07 in.	2.0mm-0.07 in.	2.0mm-0.07 in.	15' to 20'	15' to 20'	15' to 20'	30'
OT Min.	5.5mm-0.20 in.	4.0mm-0.157 in.	5.5mm-0.20 in.	5.5mm-0.20 in.	Min. 25"	Min. 25"	Min. 25"	-
DT Max.	1.0mm-0.04 in.	1.0mm-0.04 in.	1.0mm-0.04 in.	1.0mm-0.04 in.	Max. 12"	Max. 12"	Max. 12"	-
OP	34.0±0.8	44.5±0.8	44.0±0.8	44.0±0.8	TF:Max. 2720g-4 in lbs. TT: Min. 43'	TF:Max. 2720g-4 in lbs. TT: Min. 43'	TF: Max. 2720g-4 in lbs. TT: Min. 43'	-

Characteristics

Operating speed	1mm to 2m/sec
Operating frequency	mechanically: 120 operations/Min. electrically: 30 operations/Min.
Contact resistance	15mΩ Max. (initial)
Insulation resistance	100MΩ Min. (at 500 VDC)
Dielectric strength	1,000VAC, 50/60 Hz for 1 minute between non-continuous terminals 2,200VAC, 50/60 Hz for 1 minute between each terminal and non-current-carrying metal part and between each terminal and ground
Vibration	malfunction durability: 10 to 55 Hz; 1.5mm double amplitude mechanical durability: Approx. 1,000m/sec ² (Approx. 100G's)
Shock	malfunction durability: Approx. 300m/sec ² (Approx. 30G's)
Ambient operating temperature	operating: -10°C to +80°C
Humidity	95% RH Max.
Service life	mechanically: 15,000,000 operations Min. electrically: 500,000 operations Min.
Degree of protection	IEC 529 class IP67

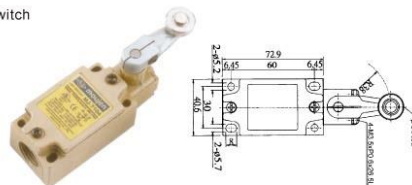
B18420A

Oil-tight limit switch



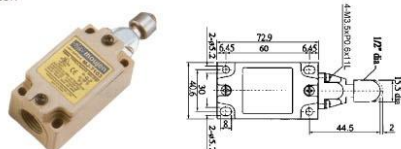
B18420J

Oil-tight limit switch



B18420C

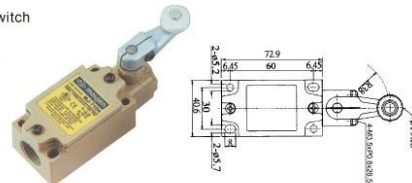
Oil-tight limit switch



B18420K

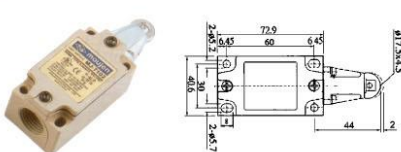
Oil-tight limit switch

Plastic roller



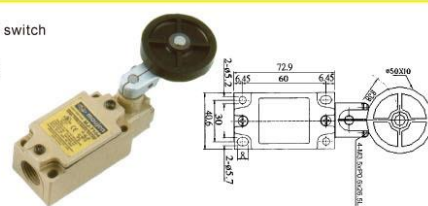
B18420E

Oil-tight limit switch



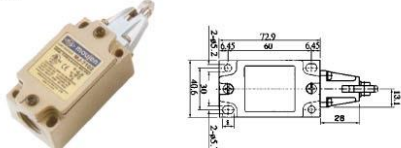
B18420M

Oil-tight limit switch



B18420G

Oil-tight limit switch



B18420N

Oil-tight limit switch

