

I49 Miniature pre-wired IP67 Limit Switches

ITC is proud to introduce a new line of pre-wired, extremely compact, IP67 double-insulated limit switches, manufactured by BERNSTEIN of Germany. Due to their reduced dimensions, ease of installation and degree of protection, these cULus approved, plastic body limit switches represent the ideal solution for most applications, as limit or position switches as well for safety purposes.

Features and specifications:

- Ultra-flat design (body only 16mm thick - 0.65")
- Double insulation
- Positive opening contacts
- Simple installation: 2 screws required
- Pre-wired (standard 1 metre cable length - other lengths on request)
- Standard models with either slow-action or snap-action contacts
- **Rated operating voltage:** 240Vac
- **Rated current:** 10A
- **Switching capacity AC-15:** 24V / 10A; 240V / 3A
- **Switching capacity DC-13:** 24V / 2.8A; 125V / 0.22A; 250V / 0.27A
- **Switching frequency max:** ≤ 60/min.
- **Mechanical life:** 10 x 10⁶ switching cycles
- **Operating temperature:** -25°C to +70°C
- **Protection class:** Double insulated
- **Ingress Protection:** IP67 acc. to IEC 60529
- **Wiring:** NC contact: Black / Black
NO Contact: Blue / Brown
- **Approvals:** cULus (E123781), CE-Marking



Applications:

- Monitoring of safety machine covers, hoods, hatches
- Monitoring of moving machine parts
- Conveyor technology
- Monitoring of sliding or rolling doors

Miniature pre-wired IP67 Limit switches (Order by Part No.)

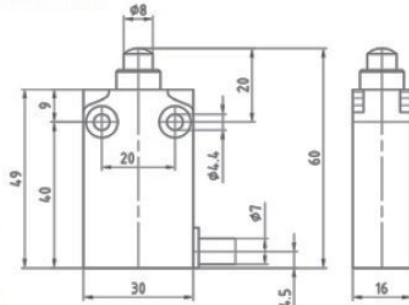
Part No.	Description
BE608.9152.048	Miniature pre-wired IP67 plastic limit switch, type I49-SU1Z IW, snap action, metal plunger
BE608.9102.049	Miniature pre-wired IP67 plastic limit switch, type I49-U1Z IW, slow action, metal plunger
BE608.9152.050	Miniature pre-wired IP67 plastic limit switch, type I49-SU1Z IW, snap action, metal plunger, thread (front) mount
BE608.9102.051	Miniature pre-wired IP67 plastic limit switch, type I49-U1Z IW, slow action, metal plunger, thread (front) mount
BE608.9167.052	Miniature pre-wired IP67 plastic limit switch, type I49-SU1Z RIW, snap action, metal roller plunger
BE608.9117.053	Miniature pre-wired IP67 plastic limit switch, type I49-U1Z RIW, slow action, metal roller plunger
BE608.9167.054	Miniature pre-wired IP67 plastic limit switch, type I49-SU1Z RIW, snap action, metal roller plunger, thread (front) mount
BE608.9117.055	Miniature pre-wired IP67 plastic limit switch, type I49-U1Z RIW, slow action, metal roller plunger, thread (front) mount
BE608.9185.056	Miniature pre-wired IP67 plastic limit switch, type I49-SU1Z AH, snap action, nylon roller lever
BE608.9135.057	Miniature pre-wired IP67 plastic limit switch, type I49-U1Z AH, slow action, nylon roller lever

*All switches supplied with 1m long UL-approved cable - Other lengths on request
Information subject to change without notice*

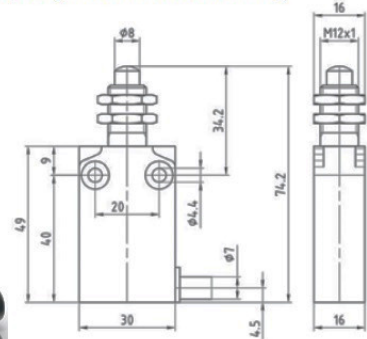
Dimensional Drawings



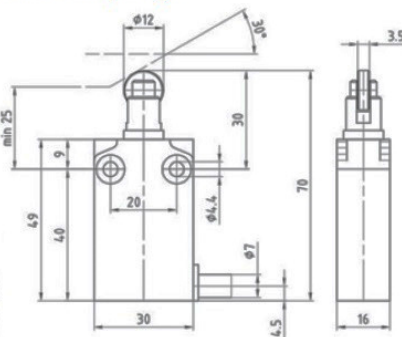
Metal plunger



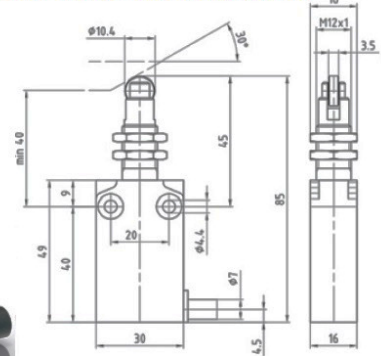
Metal plunger with front mounting



Metal roller plunger



Nylon roller plunger with front mounting



Nylon roller lever

