

Industry Use Three-Level Foot Switch

OFF-ON-OFF three level foot switch of ergonomic design. Even if the pedal is stamped on intensely, the output is OFF, so as to stop operation. The foot switch includes:

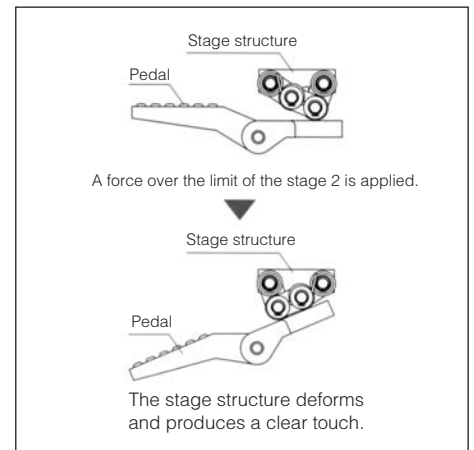
- Disable switch: When the pedal is stamped to stage 2 (level 3), the contact is OFF. The OFF state is kept maintained before the pedal returns to level 1.
- Single fault mapping: Thanks to independent two-loop contact (2a) design, dual safety mapping can be ensured by using “inconsistency detection loop”.
- Direct open circuit action device: when the built-in switch has the contact burnt, the device detach the contact by force.
- Protection design IP54.



No fatigue in operation
Our independently developed level device
(Patent pending)

This model is equipped with our independently developed special level device consists of loop and spring.

- At stage 1 (level 2), the correctly operated pedal has clear stop feeling, which can prevent stop error caused by mis-operation.
- When excessive load is applied from stage 1, you can confirm the pedal reaches the disable switch detection position at the stage 2 (level 3) via clear a touch, and accurately achieve the stop operation.



Major Parameters

Model	Rating	Contact Structure	Action		Insulation Rubber Soft Wire	Action Force (N)	Built-in Switch	Weight (g)
			Instantaneous	Interactive				
SFMS-2TPG	AC125V 1A (resistance load), minimum applicable load DC24V 4mA (resistance load)	2a operation banned: OFF-ON-OFF in operation	●		CE, UL AWG19 X 5 core X 3m	Around 10N level device action force 196N ± 15N (when delivered from factory) (30mm from the front end)	Disable switch, with UL, cUL, TUV and CE certification	2500
SFMS-2TP			●					2100
SFM-2TP			●					1700
SFMP-2TP			●					1500

Major Raw Materials

Model	Main Body/ Protection Cover	Return Spring	Transmission Shaft	Color/ Paint Color
SFMS-2TPG	Aluminum alloy die casting	SUS (Stainless steel)	SUS (Stainless steel)	Main body and protection cover: orange (equivalent to R39-236*) Pedal: black (equivalent to N-1.0*)
SFMS-2TP				
SFM-2TP				
SFMP-2TP				

[Universal Parameters]

- Insulation resistance/ over DC500V 100MΩ.
- Voltage withstanding/ AC2200V /min.
- Ambient temperature: -5-40°C
- Ambient relative humidity/ below 85%RH.

*Refer to R version standard color card published by Japan Paint Manufacturers Association.