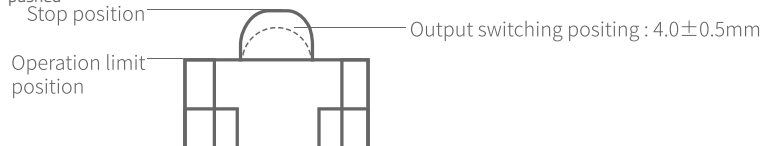


Data sheet

Operation method	Push Button Type
Button operation_Stop position	5.0±0.4mm
Button operation_Output switching position	4.0±0.5mm
Button operation_Operation limit position	Max. 0mm
Light source	Infrared LED(940nm)
Power supply	12-24VDC \pm 10%(ripple P-P: max. 10%)
Current consumption	Max. 35mA
Operation load	Max. 3N(Max. 0.3kgf)
Operation mode	Light ON(output OFF when button is pushed)
Control output	NPN open collector
Connection type	Cable type(Ø3, 1m)
Environment_Ambient illumination	Fluorescent lamp: Max. 1,000lx(received illumination)
Environment_Ambient temperature	-20 to 55°C, storage: -25 to 70°C
Protection structure	IP40
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
External input_Response	Max. 1ms
Material	Case: Polycarbonate + Glass fiber, Button: Polyoxymethylene, Sleeve: SUS304(steel use Stainless 304)
Weight	Approx. 50g(approx. 30g)

※Detection occurs when the button is pushed and the light source is blocked.

※Stop position: position of the button without any applied pressure, Output switching position: position where the output switches ON/OFF, Operation limit position: position of the button when fully pushed



※Operation load: Pressure required to push the button from stop position to output switching position

※External input when using emitter OFF function or check stable operation functions.

※The weight includes packaging. The weight in parenthesis is for unit only.

※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.