

*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

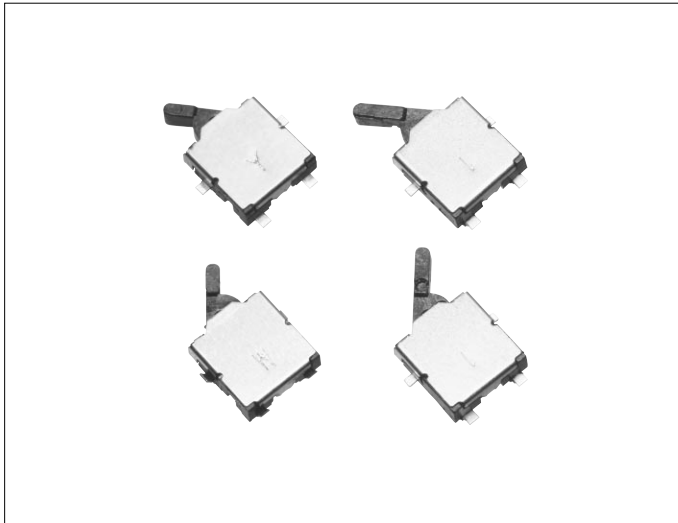
Wide range of products

Switches

1HL Normally Closed Detector Switches

Industry/Field: Mobile phones, Digital cameras

A compact and thin, normally closed type detector switch



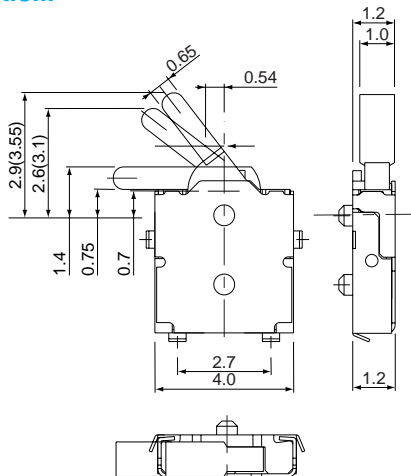
• Development Target:

To develop a detector switch that meets the demand of portable equipment for smaller and thinner normally closed switches to detect mechanisms/media

• Features:

- ① **Small:** External dimensions = 4.4 mm × 4.0 mm
Thin: Body height = 1.2 mm
- ② **Contributes to a reduction of power consumption with the normally closed circuit.**
- ③ **Supports multi-directional operation (vertical, slanted, and horizontal).**

• Construction:



• Characteristics/specifications:

Item		Specifications
Electrical	Rating	50 μ A 3V dc to 10 mA 5 V dc
	Contact Resistance	1 Ω max.
	Insulation Resistance	100 M Ω min. (100 V dc)
	Dielectric Withstanding Voltage	100 V ac (1 minute)
Mechanical	Operating Force	300 mN min.
	Full Travel	1.5mm, 2.15mm
Endurance	Operating Life	50000 cycles min.

• Applications/usage examples:

- **Portable equipment (Detection of mechanical position mode)**

• Explanation of part numbers:

1	2	3	4	5	6	7	8
E	S	E	1	8			
Product Code			Type		Design No.		