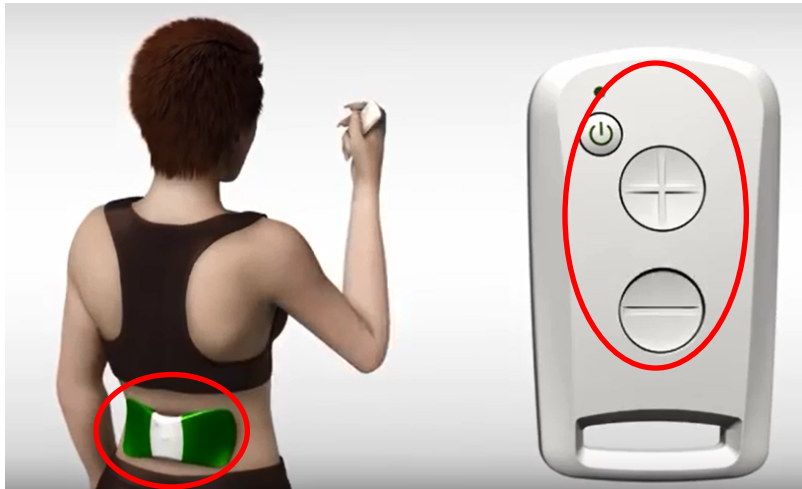


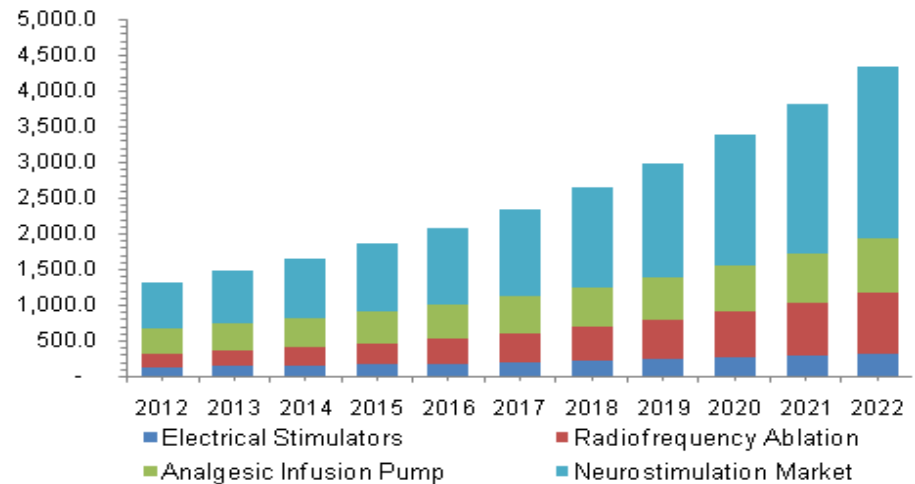
Application notes

Application note | Pain management

Picture



Market demand



Market trend

- ◆ Need clear tactile feeling.
- ◆ Middle SW operation stroke.

Panasonic proposal

3529SMD EVPAA-Type



Common Size: 3.5x2.9x1.7mm
 Stroke 0.15mm
 Op.F(N) 1.0 /1.6 /2.4 /3.5 /5.0N
 Life 100k(5N)-1000k(1N)

4735SMD EVQP2-Type



Common Size: 4.7x3.5x2.5mm
 Stroke 0.7mm
 Op.F(N) 2.5 /3.5 /5.0N
 Life 200k(5N)-1000k(2.5N)

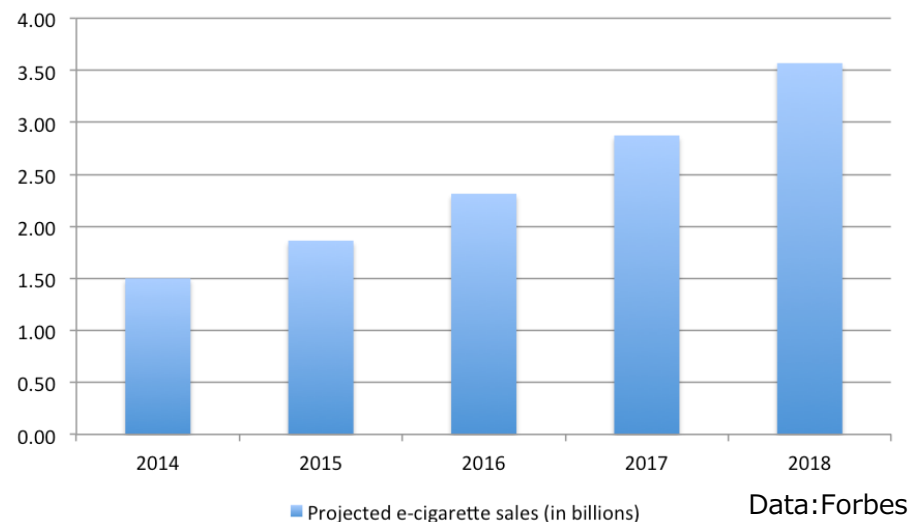
Picture



Market trend

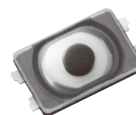
- ◆ Small sized SW. Space saving
- ◆ Water protection.
- ◆ Clear tactile feeling

Market demand



Panasonic proposal

2616SMD EVPBB-type



IP67 rating

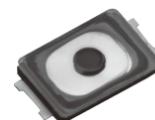
Common size: 2.6 x 1.6 mm

Op.F(N) 1.6N /2.4N

Stroke 0.13mm

Life 500k

3020SMD EVPAW-type



Common size : 3.0 x 2.0 x 0.6mm

Op.F(N) 1.2N/ 1.6N /2.4N/ 3.3N

Stroke 0.13mm /0.15mm

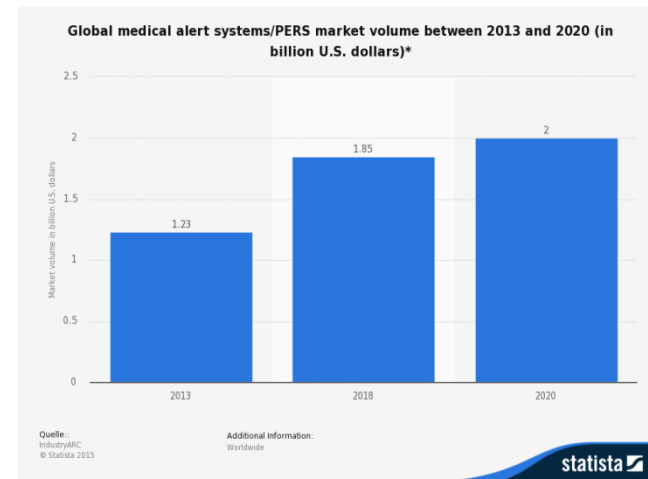
Life 500k(1.2-2.4N) / 300k (3.3N)

Application note | Emergency Call

Picture



Market demand



Market trend

- ◆ Clear tactile feeling.
during panic, user needs to clearly understand the switch has been activated.
- ◆ Loud detent sound.

Panasonic proposal

3529SMD EVPAA-Type



Common Size: 3.5x2.9x1.7mm
 Stroke 0.15mm
 Op.F(N) 1.0 /1.6 /2.4 /3.5 /5.0N
 Life 100k(5N)-1000k(1N)

4735SMD EVQP2-Type



Common Size: 4.7x3.5x2.5mm
 Stroke 0.7mm
 Op.F(N) 2.5 /3.5 /5.0N
 Life 200k(5N)-1000k(2.5N)

Picture



Market demand

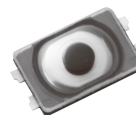


Market trend

- ◆ Small sized
- ◆ Protect rain/sweat
- ◆ Lower operation force.
Operate SW during wearing.
- ◆ Low detent sound.
Loud detent sound is noisy.

Panasonic proposal

2616SMD EVPBB-type



IP67 rating

Common size: 2.6 x 1.6 mm

Op.F(N) 1.6N / 2.4N

Stroke 0.13mm

Life 500k

3026Double Action EVPAX-type



Common size: 3.0mm x 2.6mm x 0.7mm

Op.F(N) 1st Act 0.7N / 2nd Act 2.0N

Stroke 1st Act 0.07mm/ 2nd Act 0.16mm

Life 100k

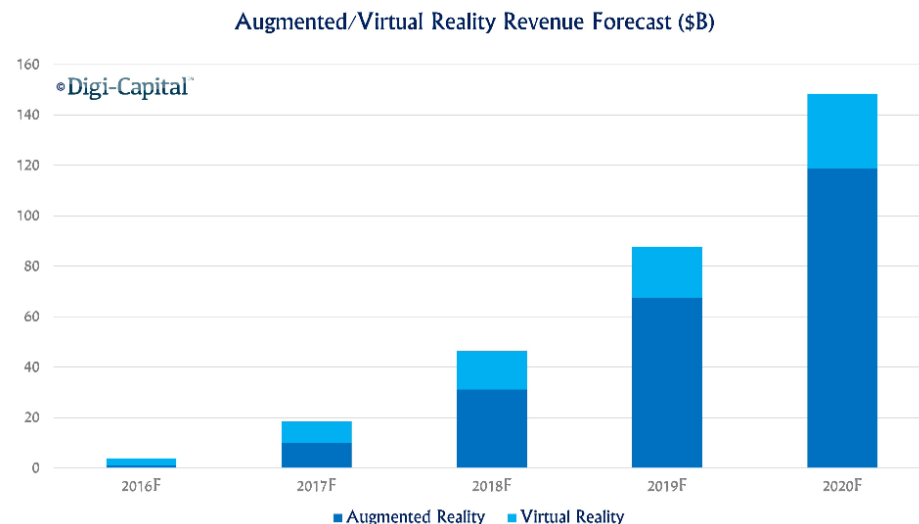
Picture



Market trend

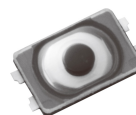
- ◆ Small sized
- ◆ Clear tactile feeling.

Market demand



Panasonic proposal

2616SMD EVPBB-type



IP67 rating

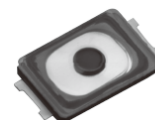
Common size: 2.6 x 1.6 mm

Op.F(N) 1.6N /2.4N

Stroke 0.13mm

Life 500k

3020SMD EVPBW-type



Common size : 3.0 x 2.0 x 0.6mm

Op.F(N) 1.2N/ 1.6N /2.4N/ 3.3N

Stroke 0.13mm /0.15mm

Life 500k(1.2-2.4N) / 300k (3.3N)

Short St. Switch Fits Small Glucose Meters

3529SMD EVPAA-Type

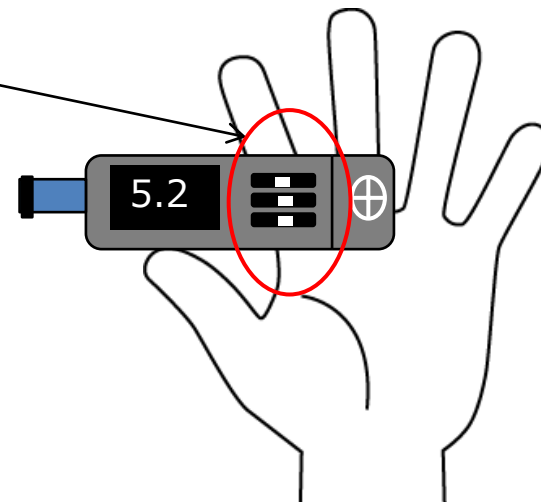


Common Size: 3.5x2.9x1.7mm
Stroke 0.15mm
Op.F(N) 1.0 /1.6 /2.4 /3.5 /5.0N
Life 100k(5N)-1000k(1N)

4735SMD EVQP2-Type



Common Size: 4.7x3.5x2.5mm
Stroke 0.25mm
Op.F(N) 1.0/ 1.6/ 2.4/ 3.5/ 5.0N
Life 200k(5N)-1000k(1.0/1.6N)



Middle St. Switches Fits Bigger Glucose Meters

4735SMD EVQP2-Type

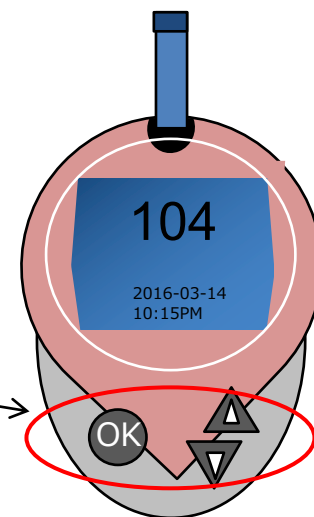


Common Size: 4.7x3.5x2.5mm
Stroke 0.7mm
Op.F(N) 2.5 /3.5 /5.0N
Life 200k(5N)-1000k(2.5N)

6060SMD EVPBD-type



Common Size: 6.0x6.0x4.0mm
Stroke 0.75mm
Op.F(N) 3.5N
Life 100k



Short Stroke Switches Fits Handheld Type

4949SMD EVQPL- type



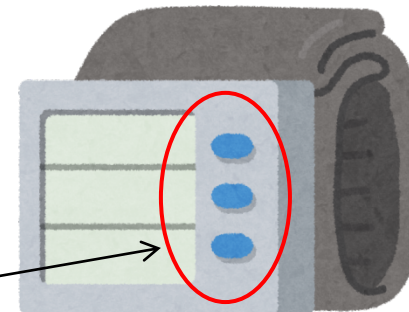
w/o Push Platew/ Push Plate

Common Size: 4.9x4.9
Height: 0.8mm / 1.5mm
Stroke 0.15mm
Op.F(N) 1.0/1.6/2.6/3.5N
Life 200k(2.6/3.5N)-500k(1.0/1.6N)

6560SMD EVQQ2-type



Common Size: 6.5x6.0
Height: 2.0/ 2.5/ 3.1mm
Stroke 0.25mm
Op.F(N) 0.5/1.0/1.3/1.6/2.6/3.5N
Life 100k(3.5N)-2000k(0.5N)



Long Stroke Switches Fits Big Blood Pressure Meters

6160SMD EVPAS-Type

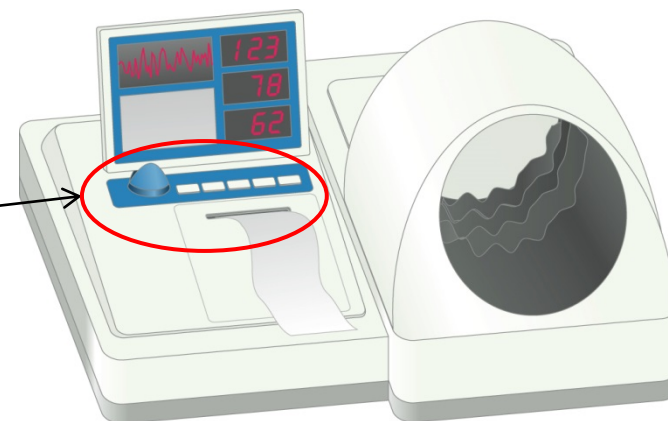


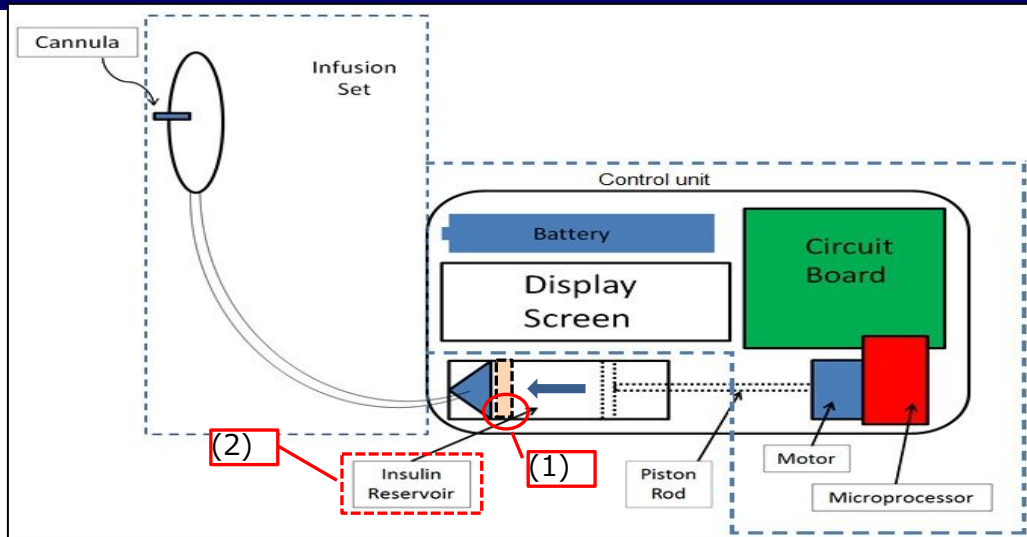
Common Size: 6.0x 6.1x5.0mm
Stroke: 1.0/1.3 mm
Op.F(N) 1.6/2.0/2.2/2.5/3.0/3.5N
Life 30k(3.5N)-100k(1.6-3.0N)

9898SMD EVPAD-type

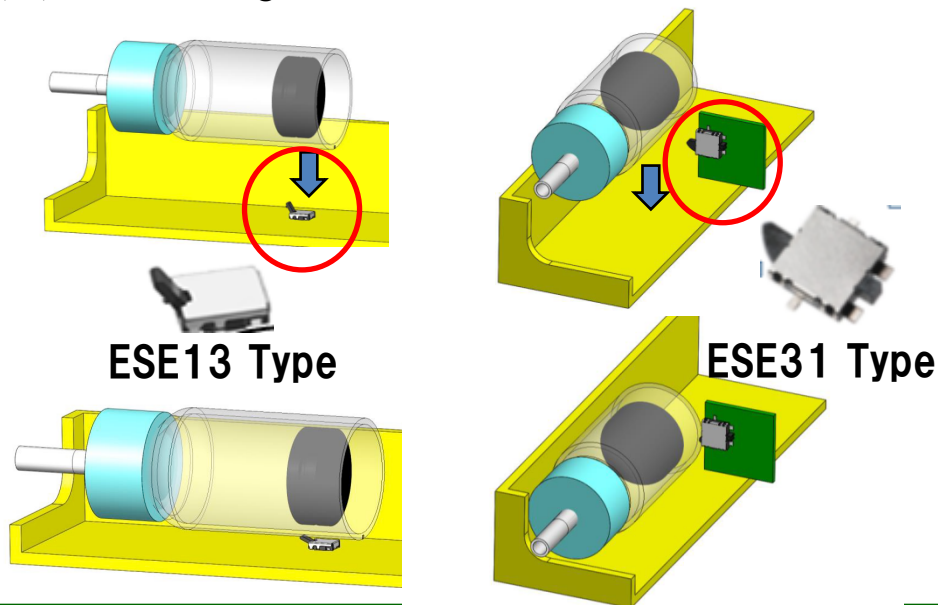


Common Size: 9.8x9.8x 4.6mm
Stroke: 1.0 mm
Op.F(N) 4.0N
Life 100k

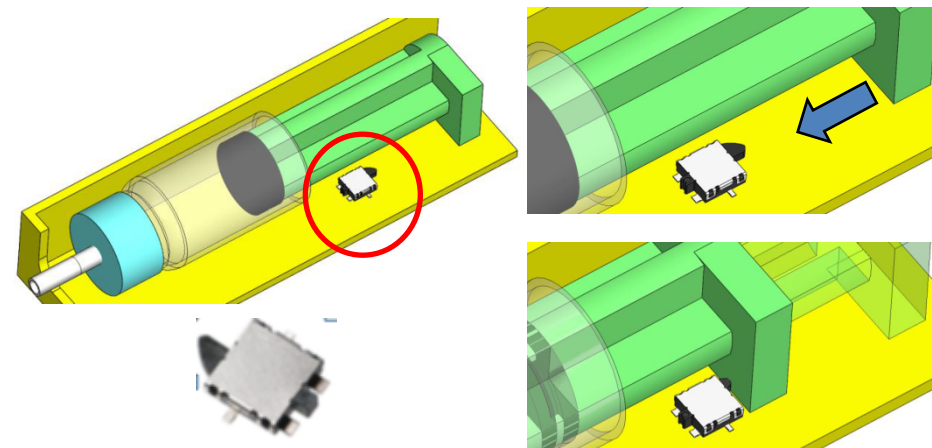




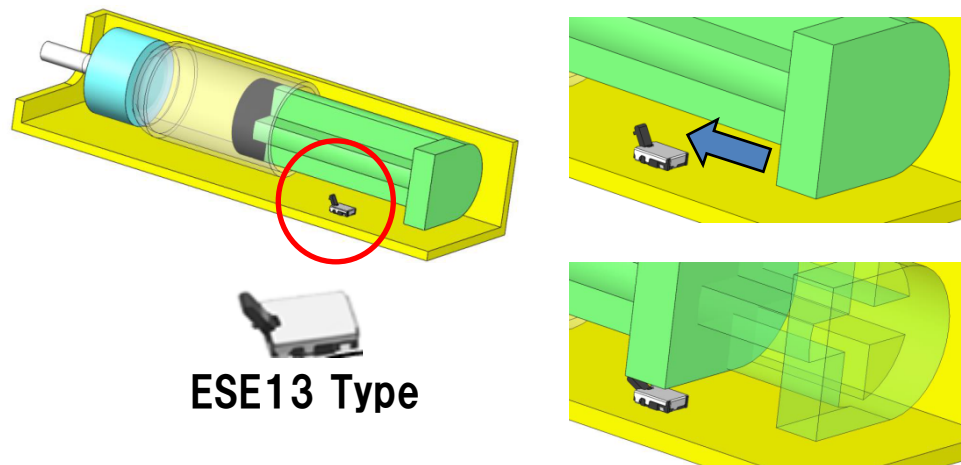
(1) Detecting Insulin Reservoir insertion.



(2) Detecting Limit Position of Piston Rod



ESE31 Type



ESE13 Type

Pen Cap

Injector

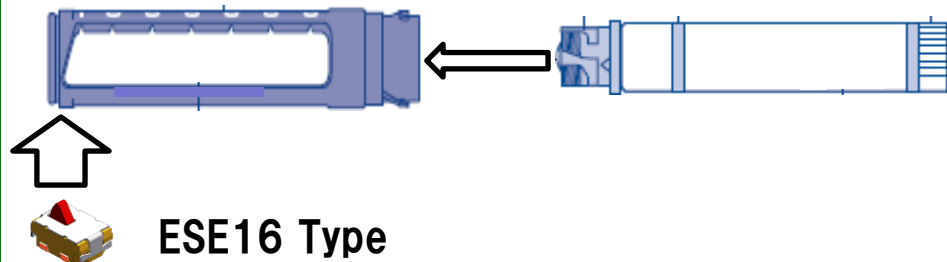


Cartridge Holder

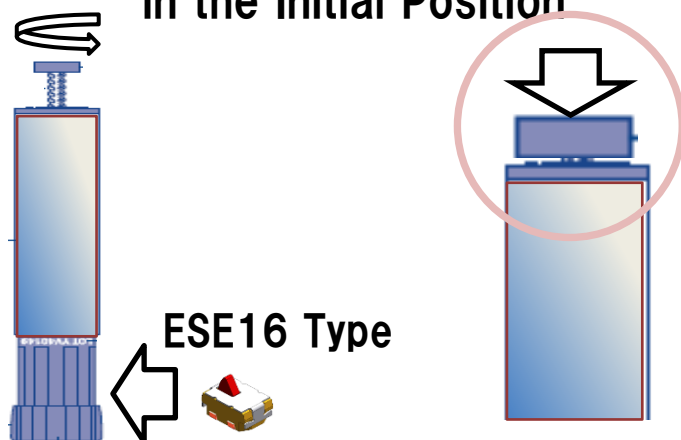


Insulin Cartridge

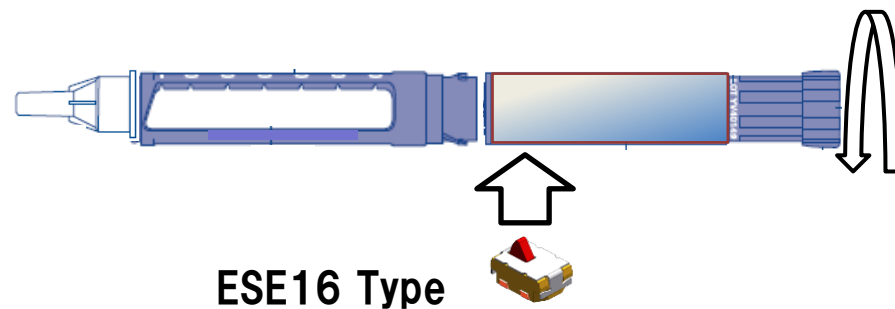
(1) Detecting the Insulin Cartridge insertion

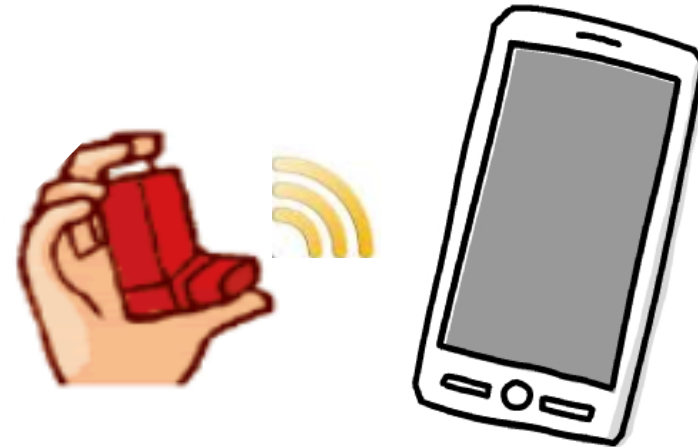


(2) Detecting the Pushing Piston in the Initial Position

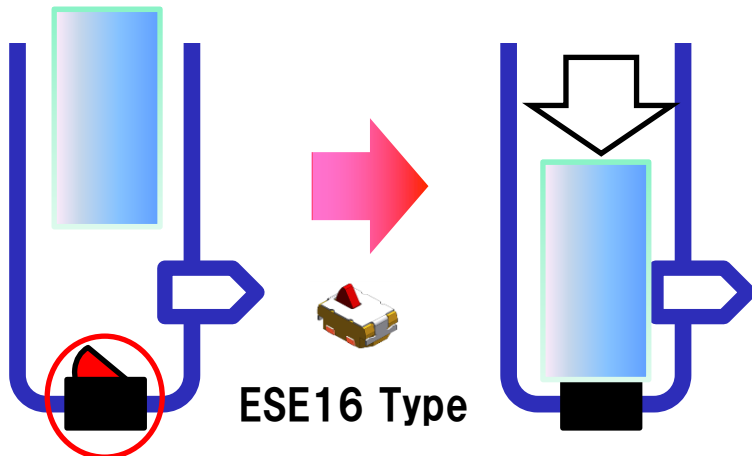


(3) Detecting the Cartridge Holder is securely screwed up



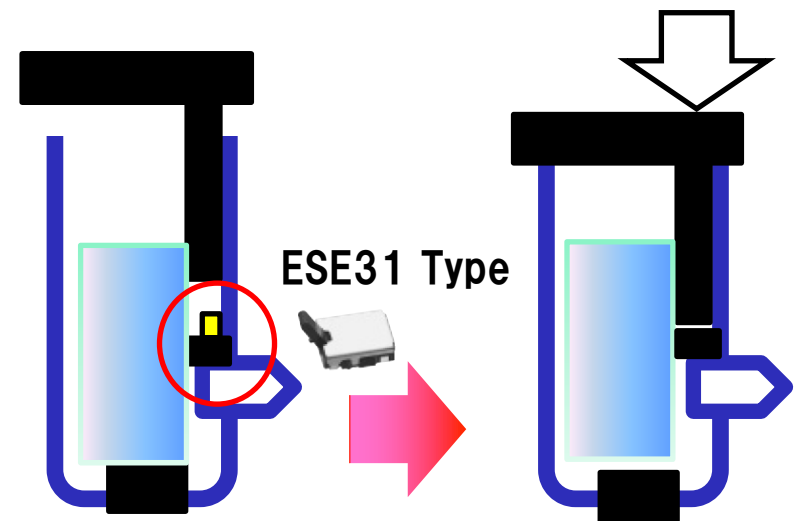


(1) Detecting Cartridge in the right position



ESE16 Type

(2) Detecting Lever Pushed Down to limit



ESE31 Type