

Liquid silicone-rubber molding



Applications

- Blood circuit
- Dialyzer
- Intravenous drip

Features

- Liquid injection molding
- Manufactured in class 100,000 clean room.
- Standard line up of 3 kinds of hardness(20、 50、 70°)
- Other hardness available *option

Benefits

- Cost-effective
- Low chance of contamination
- High-volume production of complex liquid silicone injection molding parts

Check valves (disposable)



Applications

- Dialysate circuit of dialysis machine
- Blood circuit of dialysis machine

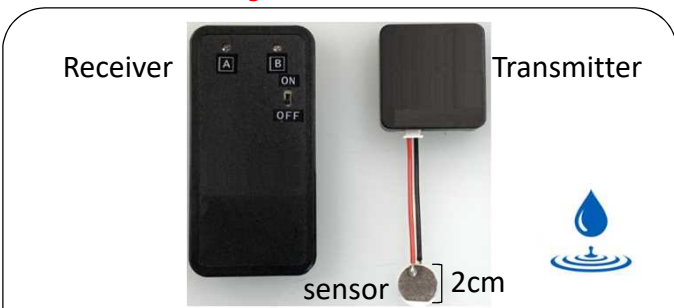
Features

- Resin body and silicone rubber for medical use
- Compact design *custom available
- Cracking Pressure: 2kPa (after priming wash)
- Min. opening differential pressure: 15kPa (water)
- Flow rate: 550ml~/min (100kPa)

Benefits

- Produced in a clean room, making them ideal for hygiene control and medical applications with strict quality requirements
- High-volume production and cost-effective

Non-Battery Leak Detector (in development)



Features

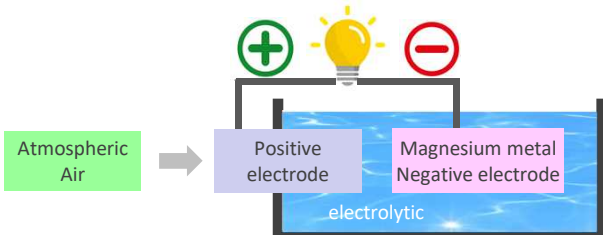
- Activated by itself with just one drop of liquid on the sensor (water, blood, urine, etc.)
- Compact and Space saving.
- Generates electricity and sends the detecting signal: Bluetooth or BLT

Benefits

- Early detection of problems. Detection of leaks of blood and chemicals at medical sites.
- Can be installed without electrical wires or battery.

Applications

- Dialysis machine (for night cleaning time, etc.)
- Diapers for nursing babies or adults



Compact air regulators



Applications

- Oxygen Concentrator

Features

- Compact/ thin/ light weight (33g) design
- Low leak design
- Low pressure capability
- Set pressure range: 0~45kPa (6.5psi)
- Supply pressure: 200kPa Max. (29psi)

Benefits

- Provides superior repeatability and sensitivity
- Excellent performance at a small flow rate of 5L/min or less
- Excellent little leakage

Liquid regulators



Applications

- Dialysis machine

Features

- Body material: PPSU
- Light weight (102g) design
- Set pressure range: 0~60kPa (8.7psi)
- Supply pressure: 600kPa Max. (87psi)
- Flow rates: 700ml Max.

Benefits

- High accuracy pressure control
- Lower cost than Stainless steel
- Disinfect chemical resistance
 - Sodium hypochlorite, Citric Acid, Sodium Carbonate
 - Peracetic Acid, Hydrogen peroxide, Acetic acid

Relief valves



Applications

- Oxygen concentrator
- Anesthesia device
- Balloon catheter

Features

- Compact design.
- Precise cracking pressure is set at the factory
- Various sizes and cracking pressure available
- 2 types of body material (Brass and SUS)
- Seal material (FKM)

Benefits

- Allowing installation in a space saving manner
- Allows for consistent and reliable operation
- Valves for safety for over pressure

