



**Snap Acting Relay is the device which is usually used with an air tank, converts an air flow direction and moves the valve to the fail-safe position when the signal air pressure is lower than the set air pressure. Also, it has a fail-freeze function to help the valve stay at the last position on the loss of a supply air pressure.**

## Specifications

|                              | SAR                 |                 |
|------------------------------|---------------------|-----------------|
|                              | Single              | Double          |
| Proof Pressure               | Max 10 bar (150psi) |                 |
| Signal Pressure              | 1.4 ~ 7 bar         |                 |
| Line Pressure                | Max 7 bar (105psi)  |                 |
| Flow Capacity (Cv)           | 0.9                 |                 |
| Operating Temperature        | -20°C ~ +70°C (STD) |                 |
| Pneumatic Connections        | NPT 1/4             |                 |
| Hysteresis                   | Within 0.1 bar      |                 |
| Body Material                | Aluminum / 316SS    |                 |
| Weight<br>(Aluminum / 316SS) | 0.6 kg / 1.2 kg     | 0.8 kg / 2.5 kg |

## How to Order

|            |          |             |                 |
|------------|----------|-------------|-----------------|
| <b>SAR</b> | Material | Acting Type | Operating Temp. |
|------------|----------|-------------|-----------------|

| Description                    | Code   |
|--------------------------------|--|
| <b>Material :</b>              | 10 : Aluminum<br>11 : 316SS  |
| <b>Acting Type :</b>           | 0 : Single acting<br>1 : Double acting   |
| <b>Operating Temperature :</b> | 0 : -20 ~ +70°C (standard)<br>1 : -20 ~ +120°C (high temp.)<br>2 : -40 ~ +70°C (low temp.) |

## Dimensions

