

Capacitive rotary knob Magic Knob™

Capacitive knob that can operate on a capacitive touch display will provide good operability and design

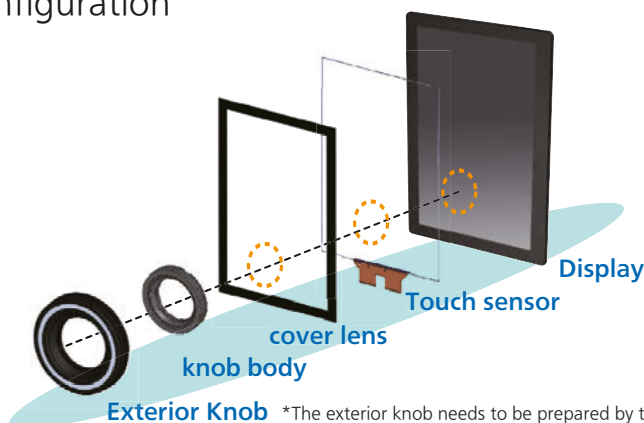


Features

- Can be operated while wearing gloves by Panasonic's proprietary capacitive method
- Improved operability by mechanical tactile feedback
- The smallest diameter in the industry (*according to our research)

Knob Specification (Knob body)

■ Set configuration



Touch IC
(maXTouch® MK series)

*maXTouch® is a registered trademark of Microchip Technology Inc.

Exterior Knob *The exterior knob needs to be prepared by the customer.

■ Knob Specifications (Knob body)

| Type | Magic Knob™ (Conventional method) | Magic Knob™ (MPMK) | Magic Knob™ (Conventional Small Diameter Type) | Magic Knob™ (MPMK Small Diameter Type) |
|--------------------|----------------------------------------|-------------------------|-----------------------------------------------------|---------------------------------------------|
| Appearance image | | | | |
| Outer Diameter | φ52 mm *1 | | φ26 mm *1 | |
| Inner Diameter | φ34 mm *1 | | φ10 mm *1 | |
| Height | 9.0 mm *1 | | 8.5 mm *1 | 8.8 mm *1 |
| Detent Number | 32 | | 20 | |
| Ring push | Yes | | Yes | |
| Rotational torque | 25 mN · m ±30% | | 12 mN · m ±30% | |
| Stroke Amount | 0.4 to 1.2 mm | | 0.15 to 1.2 mm | |
| SW operating force | 2 to 6.5 N | | 2 to 6.5 N | |
| Sample situation | Yes | Yes | Yes | Yes |

*1: Reference size. Use as an approximate guide. We can discuss the size according to your request.