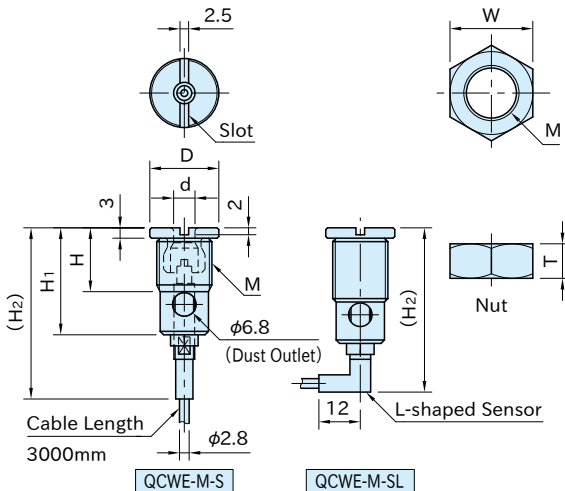


QCWE-M-S

POSITION SENSOR RECEPTACLES



The positional relationship of a slot, dust outlet, and L-shaped sensor may vary.

★Key Point

Clamping can be detected by sensor.

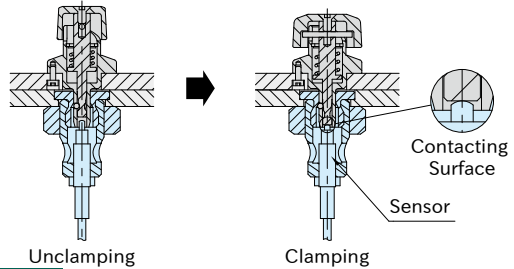
Body	Nut
SUS303 stainless steel	Stainless steel

Part Number	Plate Thickness	d (^{+0.1} / ₀)	D (h9)	M	H	H ₁	H ₂	T	W	Weight (g)
QCWE0625-M16-S	6 or more	6.2	20	M16×1.5 (Fine Thread)	18.5	31	50	10	24	60
QCWE0625-M16-SL					21.5	33.5	48	5	22	80
QCWE1034-M20-S		10.2	25	M20×1.5 (Fine Thread)	20.5	33.5	55	12	30	100
QCWE1034-M20-SL					25.5	38	53	5	27	105

Part Number	Knob-Locking Pins	Retractable Knob-Locking Pins
QCWE0625-M16-S	QCWE0625-10	QCWEA0625-10-SUS
QCWE0625-M16-SL	QCWE0625-10S	
	QCWE0625-10-SUS	
QCWE1034-M20-S	QCWE1034-14, QCWE1034-20	QCWEA1034-14-SUS
QCWE1034-M20-SL	QCWE1034-14S, QCWE1034-20S QCWE1034-14-SUS, QCWE1034-20-SUS	

Feature

- The sensor reacts when the tip of Knob-Locking Pin pushes the contacting surface down.
- Detection of clamping condition prevents human error and improper operation of machinery.



How To Install

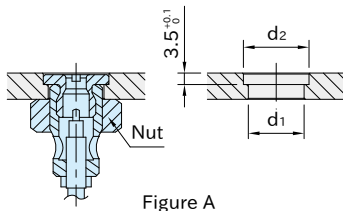


Figure A

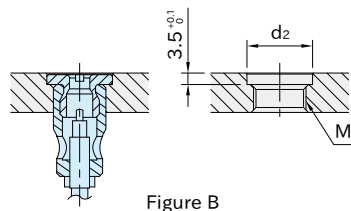


Figure B

Part Number	Plate Thickness	Figure	M	d ₁	d ₂ (^{+0.10} / _{+0.05})
QCWE0625-M16-S	6~10	A	—	17	20
	Over 10	B	M16×1.5(Fine Thread)	—	
QCWE0625-M16-SL	6~16	A *)	—	17	25
QCWE1034-M20-S	6~10	A	—	21	
	Over 10	B	M20×1.5(Fine Thread)	—	
QCWE1034-M20-SL	6~20	A *)	—	21	

*) **QCWE-M-SL** cannot be installed by screwing as in Figure B

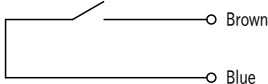
Technical Information

Contact type sensor

- Working temperature: 0 to 80°C (without freezing)
- Switch structure: Dry contact
- Output mode: Normally Open (NO)
- Steady current: under 10mA (In-rush current under 20mA)
- Contact rating: DC5-24V
- Cable: 3000mm, Oil resistance, Duplex, φ2.8, Bending radius R7
- Protection class: IP65 (Sensor part)

■ Circuit diagram

Normally Open (NO)



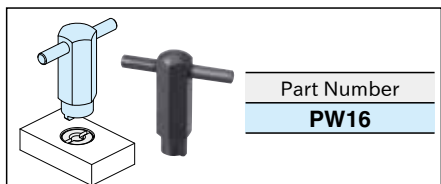
Reference

- "Accuracy" of **QCWE** Knob-Locking Pins
- "Accuracy" of **QCWEA** Retractable Knob-locking Pins

▲ Note:

- To ensure proper operation of receptacles and **QCWE** Knob-Locking Pins/**QCWEA** Retractable Knob-locking Pins, observe the above mounting hole dimensions.
- Removal of adjusted sensor joint may cause malfunction of the products.
- Blow out the dust in the receptacle to prevent malfunction.
- Position Sensor Receptacles can be used only with **QCWE** Knob-Locking Pins and **QCWEA** Retractable Knob-locking Pins.

Sold Separately Installation Wrench



Part Number

PW16