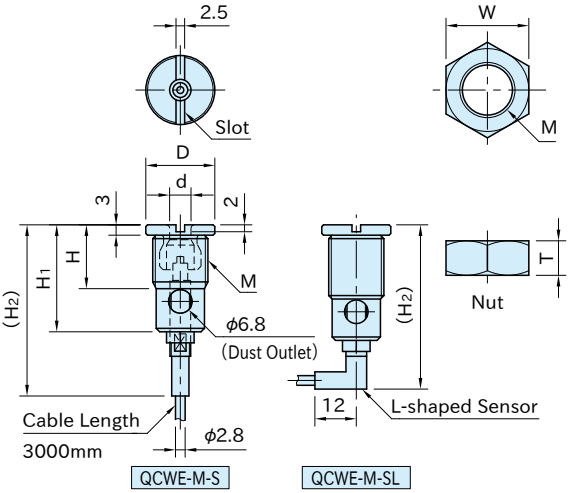
QCWE-M-S POSITION SENSOR RECEPTACLES

RoHS Stainless Steel

IMAO





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

★Key Point

Clamping can be detected by sensor.

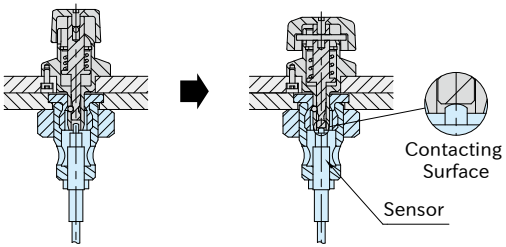
Body	Nut
SUS303 stainless steel	Stainless steel

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	85
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	120
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	QCWE0625-10-SUS	
QCWE1034-M20-S	QCWE1034-14, QCWE1034-20	QCWEA1034-14-SUS
QCWE1034-M20-SL	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

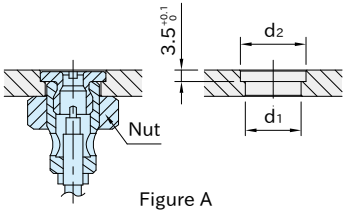


Figure A

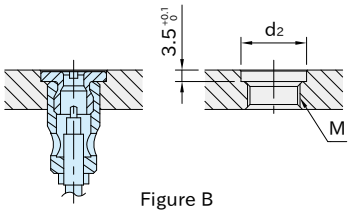


Figure B

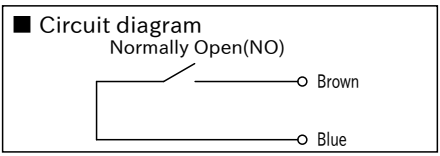
Part Number	Plate Thickness	Figure	M	d_1	d_2 ($^{+0.10}_{+0.05}$)
QCWE0625-M16-S	6~10	A	–	17	20
	Over 10	B	M16X1.5(Fine Thread)	–	
QCWE0625-M16-SL	6~16	A *)	–	17	
QCWE1034-M20-S	6~10	A	–	21	25
	Over 10	B	M20X1.5(Fine Thread)	–	
QCWE1034-M20-SL	6~20	A *)	–	21	

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

Technical Information

Contact type sensor
・Working temperature: 0 to 80℃(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



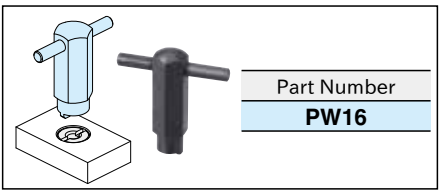
Reference

・"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.
・Do not use this product as a detection device for personal safety.

Sold Separately Installation Wrench



Part Number
PW16