



SJ-H108A

Bar Type Main Unit, Standard Model 1080 mm



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		SJ-H108A
Type		HA
Ion generation method		Corona discharge method
Structure		Shockless resistive coupling type
Voltage application method/applied voltage		Pulse AC method, ± 7000 V
Ion balance control method		Dual I.C.C. method
Ion balance		± 30 V *1
Operating distance		50 to 2000 mm 1.97" to 78.74"
Control input		NPN open collector or contact point signal without voltage
Control output		NPN photo relay, Maximum 100 mA max. (40 V or less)
Major functions		Condition alarm, ion level alarm, alarm output
Air purge connection port		Rc 1/8
Air purge supplied pressure		0.5 MPa or less *2
Effective length		1080 mm 42.52" *3
No. of electrodes		16
Static elimination bar length		1040 mm 40.94"
Rating	Power voltage	24 VDC to 36 VDC $\pm 10\%$
	Current consumption	500 mA (at 24 V), 350 mA (at 36 V)
	Overvoltage category	I
	Pollution degree	2
Environmental resistance	Ambient temperature	0 to +40°C 32 to 104°F
	Relative humidity	35 to 85% RH (no condensation)
Material	Electrode probe	Tungsten
	Main unit	ABS/PC
Weight	Static elimination bar	1200 g 42.33 oz

*1 Measured under the following conditions.

Installation distance: 300 mm 11.81" (22 Hz), 600 mm 23.62" (10 Hz), 1500 mm 59.06" (1 Hz)

Operating ambient temperature: 0 to +40°C 32 to 104°F

Operating ambient humidity: 35 to 65% RH

* 0.3 m/s 1.3'/s downflow

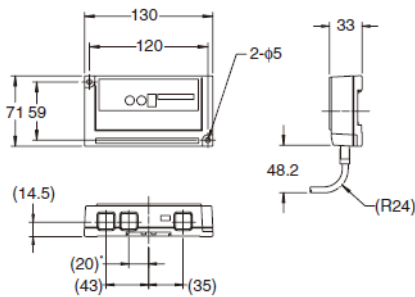
*2 Contact KEYENCE when using the air purge function with intermittent air supply.

*3 Effective length is for static elimination range when installation distance is 50 mm 1.97".

Dimensions

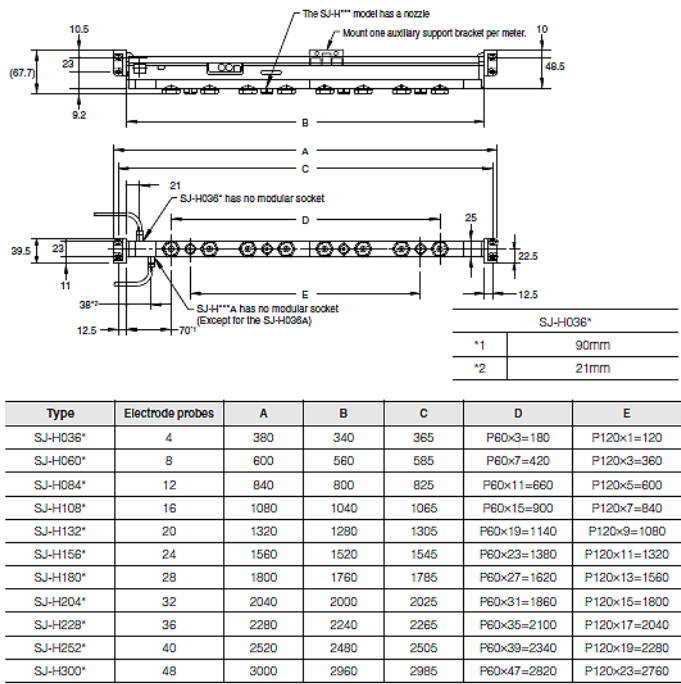
* Download CAD file or product manual for larger image/text and more detail.

■ Controller unit (SJ-H036* only)

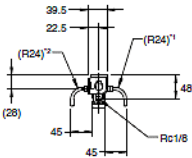


* SJ-H036A has no modular socket.

■ Main body

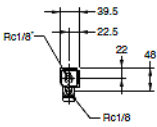


Common for the left side of the bar



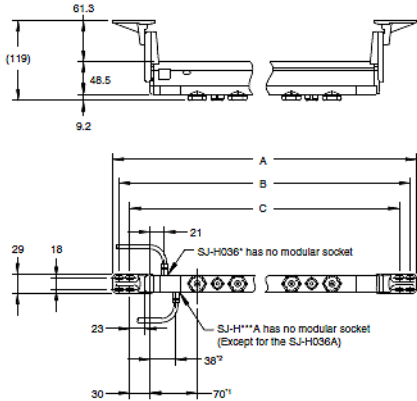
1 SJ-H036 only has the left socket.
*2 SJ-H***A only has the right socket.
(Except for the SJ-H036A)

Common for the right side of the bar
(SJ-H228* and longer models)



* Not provided for the SJ-H204* or shorter models.

When a rotating mounting bracket is attached



SJ-H036*	
*1	90mm
*2	21mm

Type	A	B	C
SJ-H036*	451	432	400
SJ-H060*	671	652	620
SJ-H084*	911	892	860
SJ-H108*	1151	1132	1100
SJ-H132*	1391	1372	1340
SJ-H156*	1631	1612	1580
SJ-H180*	1871	1852	1820
SJ-H204*	2111	2092	2060
SJ-H228*	2351	2332	2300
SJ-H252*	2591	2572	2540
SJ-H300*	3071	3052	3020