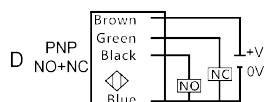
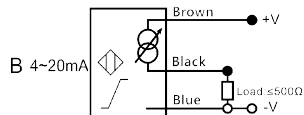
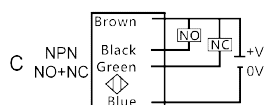
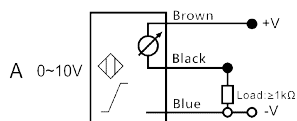
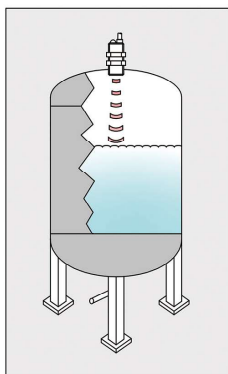


B19450 x (from B19450 to B19452)

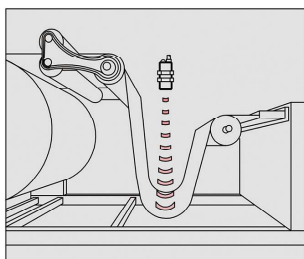
Output Item No. A: 0~10V C: NPN NO/NC
B: 4~20mA D: PNP NO/NC



Applications :



Detecting liquid levels



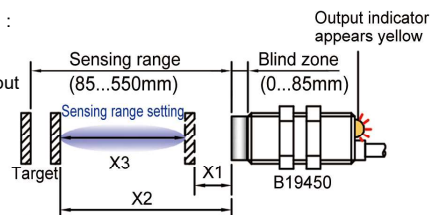
Control of sheet tension

Features :

- Ensure the stable detection of a variety of objects regardless of the color, transparency, glass, material or non-material.
- Teach-in button set up, can provide outstanding background suppression to detect objects reliably.
- Reversed polarity & short circuit protection.
- IP65 protection, high immunity to dirty, dust and fog.

Distance setting :

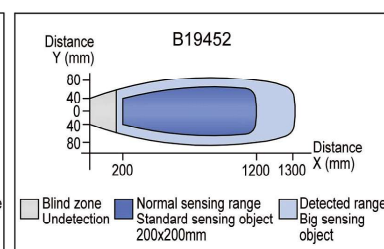
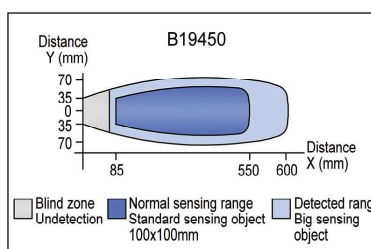
After B19450 has been set, the output indicator appears yellow when the sensing object through the sensing range.



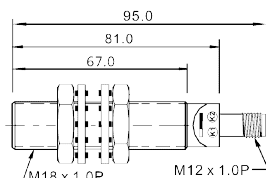
The distance between X1 and X2 has need to longer than 50mm.

- X1: Place the sensing object at the nearest point within the sensing range.
X2: Place the sensing object at the farthest point within the sensing range.

Detection area :

**B19450**

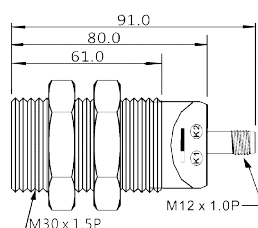
Ultrasonic sensor M18x1.0
with M12 cable 2M



Code	A	B	C	D
Switching output	0~10V	4~20mA	NPN NO/NC	PNP NO/NC
Sensing distance	8.5~55cm			
Standard sensing object	Plate glass 100x100mm			
Operating voltage	DC 18~30V		DC 12~24V	
Load current	-		<200mA	
Response time	<200ms			
Ultrasonic frequency	200kHz			
Hysteresis	20mm			
Operation indicator	Yellow LED			
Ambient temperature	-20℃~70℃			
Humidity	RH 35~85%			
Connecting method	M12 plug connector			

B19452

Ultrasonic sensor M30x1.5
with M12 cable 2M



Code	A	B	C	D
Switching output	0~10V	4~20mA	NPN NO/NC	PNP NO/NC
Sensing distance	20~120cm			
Standard sensing object	Plate glass 200x200mm			
Operating voltage	DC 18~30V		DC 12~24V	
Load current	-		<200mA	
Response time	<200ms			
Ultrasonic frequency	112kHz			
Hysteresis	20mm			
Operation indicator	Yellow LED			
Ambient temperature	-20℃~70℃			
Humidity	RH 35~85%			
Connecting method	M12 plug connector			

B19450MA

Mounting bracket for M18 sensor
(for B19450)

**B19450MB**

Mounting bracket for M18 sensor
(for B19450)

**B19452MA**

Mounting bracket for M30 sensor
(for B19452)

