

Overview:

18GM75-B is a series of single and double sheet detection sensors based on ultrasonic principle. With its compact design and flexible configuration, accurate detection capability, it is widely used in packaging, logistics, 3C electronics and other fields.

Specifications:

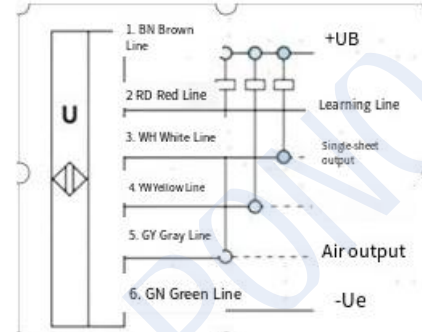
Model	18GM75-B60
Usage scenarios	Single and double sheet detection
Detection range	30~60mm
Detection method	Through-beam - non-contact
Resolution	1mm
No-load current	<50mA
impedance	>4kQ
Voltage drop	<2V
Response Delay	About 15 ms
Delay in judging	About 15 ms
Power-on delay	<300ms
Operating voltage	18-30VDC
Display	LED green light, single sheet detected
	LED yellow light, no target (air)
	LED red light, double sheet detected
Output Type	3- way PNP/NPN
Input Type	With learning function
Protection level	IP67
Connection Type	VC, six-core cable, 2 meters
Ambient temperature	-25°C~+70°C(248~343K)
Storage temperature	-40°C~+85°C(233~358K)
Output characteristics	The output type can be changed by serial port upgrade
Output Type	E1 1 switch output NPN, NO/NC/ hysteresis mode
	E2 1 switch output PNP, NO/NC/ hysteresis mode

Features:

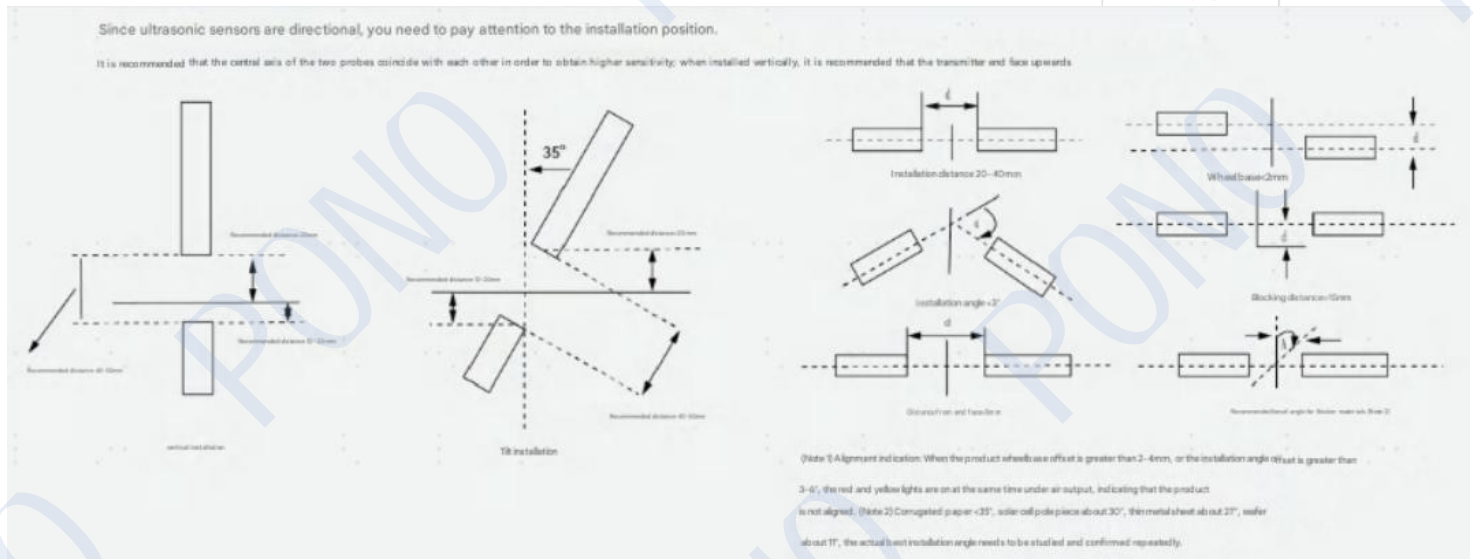
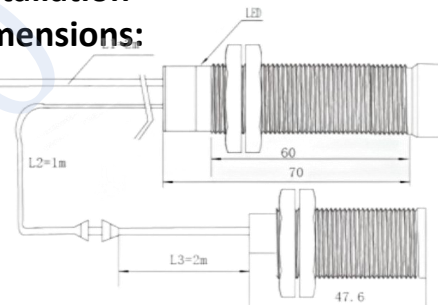
- Support self-learning and quick installation
- 3 -way NPN/PNP output, temperature compensation
- Detects single and double sheets of various materials
- Cost-effective



Electrical Connection:



Installation dimensions:



Directions:

1. Place a single piece of material to be tested between two sensors;
2. Connect the learning line to -UB .
3. When the power is on, the green light flashes. When the red and yellow lights flash alternately, or the red and yellow lights flash at the same time, or the red light flashing, or yellow flashing, or red and green flashing at the same time, learning is complete. (If learning is unsuccessful, the red light will be on once, then the green light will flash, and then re-enter the learning state)
4. Cut off the power supply and leave the learning line floating.
5. Normal use.

Order Information

Email :Grace@positive-inno.com

Phone :+86 18620546978

Website:www.positive-inno.com