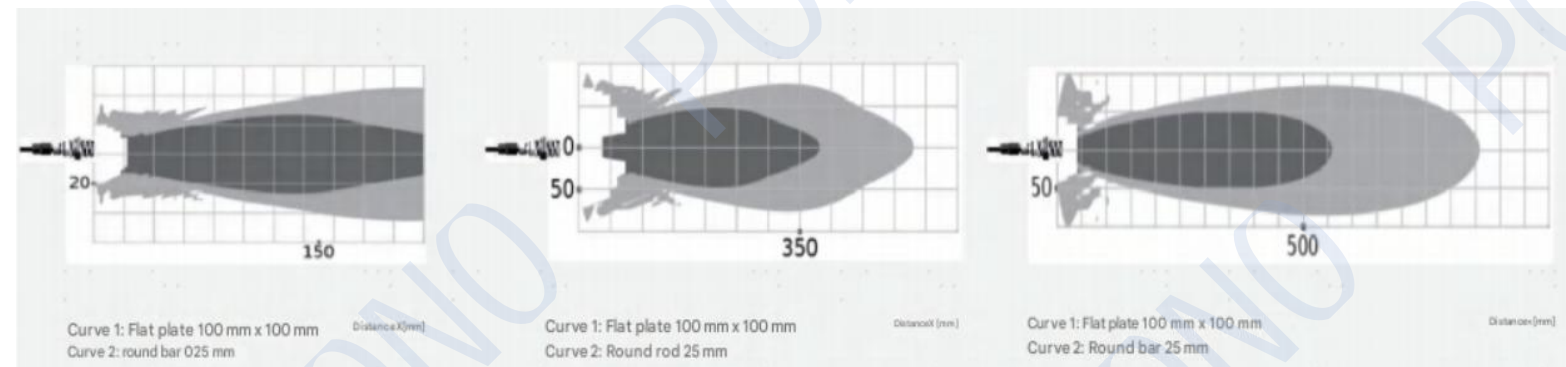


## Overview:

18GM40 is a series of measurement sensors based on the principle of ultrasonic. With its compact design and flexible configuration, it is widely used in robot protection, material level detection, object detection and other fields.

## Features:

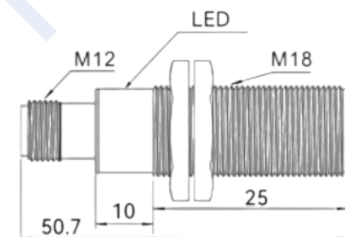
- Compact size, reliable protection
- Support self-learning and quick installation
- Not affected by harsh environments such as dust and water mist
- Cost-effective



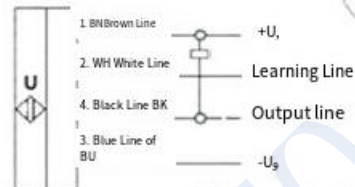
## Specifications:

Model	18GM40-150	18GM40-350	18GM40-500
Detection range	20-150mm	30-350mm	40-500mm
Blind Spot	0-20mm	0-30mm	0-40mm
Resolution	0.17mm		
Repeatability	±0.15% of full-scale value		
Absolute accuracy	±1% ( built-in temperature drift compensation )		
Response time	50ms		
Switching hysteresis	2mm		
Switching frequency	20Hz		
Power-on delay	<500ms		
Operating voltage	15-30VDC		
LED Red Light	Steady on, no target detected Flashing: No target detected in the learning state		
LED yellow light	Always on, the target is detected within the range A1-A2 Flashing: Target detected in learning state		
Protection Circuit	Anti-reverse connection protection, instantaneous overvoltage protection		
Load impedance	U/>1k Ohm		
No-load current	≤25mA		
Input Type	With learning function		
Material	Nickel plated copper sleeve, plastic fittings, glass filled epoxy		
Protection level	IP67		
Connection Type	4 - pin M12 connector		
Ambient temperature	-25°C~+70°C(248~343K)		
Storage temperature	-40°C~+85°C(233~358K)		
Output can be customized	E4/E8	1 switch output npn, NO/NC/ hysteresis mode	
	E5/E9	1 switch output npn, NO/NC/ hysteresis mode	
	I	1 analog current output, 4-20mA	
	U5/U10	1 analog voltage output, 0-5V/0-10V	

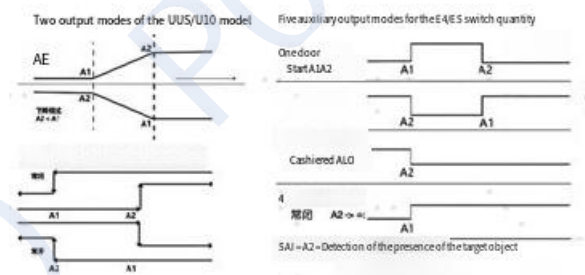
## Installation dimensions:



## Electrical Connection:



## Output method:



## Order Information

Email :Grace@positive-inno.com  
Phone :+86 18620546978  
Website:www.positive-inno.com

## Note:

- Strictly ensure that the product is used within the rated specifications
- Versions and parameters will be updated without prior notice.