

# PRODUCT INTRODUCTION

The non-contact liquid level sensor adopts advanced signal processing technology and high-speed signal processing chips, breaking through the influence of container wall thickness and achieving true non-contact detection. Strong compatibility, able to penetrate containers made of various non-metallic materials such as plastic, glass, ceramics, etc., with a sensing thickness of up to 20MM; Suitable for liquid level detection of various curved, arc-shaped, and cylindrical containers. **Require the tested liquid to have conductivity and the container material to be non-metallic.**

Project name	Parameters		
Product model	<b>Y26-V</b>	<b>Y26-PNP</b>	<b>Y26-NPN</b>
Supply voltage (Vin)	(DC 5-24V)	(DC 5-12V) (DC 24V)	(DC 5-12V) (DC 24V)
Output mode	High and low level	Switch quantity (high pulse effective)	Switch quantity (high pulse effective)
electric current	≤5mA		
The output voltage (high pulse)	Vin		
The output voltage (low level)	0V		
The output current	≤100mA		
Response time	500mS		
Working temperature	-20~105°C		
Sensor sensitivity	Outer diameter of pipe D(mm)	Sense container wall or tube wall thickness L(mm)	
	D≥100	20 ± 2	
	100>D≥80	15 ± 2	
	80>D≥60	12 ± 1.5	
	60>D≥40	7 ± 1.0	
	40>D≥30	5 ± 1.0	
	30>D≥20	3 ± 1.0	
20>D≥10	1.5 ± 0.5		
Applicable pipe diameter range	≥10mm		
Liquid level accuracy	±1.5mm		
humidity	5%~100%		
Material	PC V0 Fireproof material		
Waterproof performance	IP67		
Safety standard certification	CE		
Environmental protection certification	ROHS-2.0		