



GREENTECH

MV GREENTECH PVT LTD.



Product Catalogue

Ultra Precision Sensing Solutions

CAPACITIVE SENSORS

NORMLINE SERIES

Detection distance length.

Complete product models.

Figure 20 Sensitivity adjustment of potentiometer.



CAPACITIVE SENSORS

Voltage drop: <1.5V

Repeat accuracy: <3% (Sr)

Operating temperature: -25°C-+70°C

Overload trip point: 180 mA

Size	Mounting	Sensing distance SN [mm]	Max Load Current	Switching frequency	Response time
M8*45MM	Flush	1 mm	200 mA	1K Hz	0.2 ms
M8*45MM	Unshielded	2 mm	150 mA	100 Hz	1.5 ms
M8*45MM	Shielded	1 mm	150 mA	100 Hz	1.5 ms
M12*50MM	Non-Flush	4 mm	200 mA	1K Hz	0.2 ms
M12*50MM	Flush	2 mm	200 mA	1K Hz	0.2 ms
M12*58 MM	Unshielded	1-6mm	150 mA	1K Hz	0.2 ms
M12*58 MM	Shielded	2 mm	150 mA	1K Hz	0.2 ms
M12*58 MM	Shielded	1-3mm	150 mA	1K Hz	0.2 ms
M12*63MM	Unshielded	4mm	150 mA	1K Hz	0.2 ms
M18*55MM	Non-Flush	8 mm	200 mA	1K Hz	0.2 ms
M18*75MM	Unshielded	1-15mm adjustable	150mA	50 Hz	1.5 ms
M18*75MM	Shielded	1-8mm adjustable	150mA	50 Hz	1.5 ms
M18*85MM	Unshielded	1-15mm adjustable	150mA	50 Hz	1.5 ms
M18*85MM	Shielded	1-8mm adjustable	150mA	50 Hz	1.5 ms
M30*55MM	Flush	10 mm	200 mA	1K Hz	0.2 ms
M30*87mm	Unshielded	1-30mm adjustable	150 mA	50 Hz	1.5 ms
M30*87mm	Shielded	1-20 mm adjustable	150 mA	50 Hz	1.5 ms

HIGH PERFORMANCE SERIES

- Rich product shape and shell materials.
- Higher performance indicators.
- High-temperature resistant model.

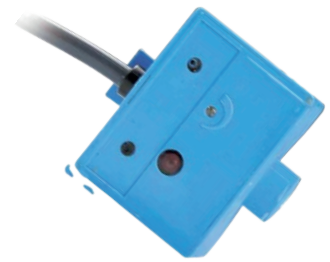


Size	Mounting	Sensing distance SN [mm]
M12*50MM	Non-flush	2 mm
M12*50MM	Flush	2 mm
M18*55MM	Non-Flush	8 mm
M18*55MM	Flush	5 mm
M30*55MM	Non-Flush	15 mm
M30*55MM	Flush	10 mm

CAPACITIVE SENSORS

LIQUID LEVEL SENSOR

- The liquid level sensor is not affected by the color of the pipe and liquid.
- Bypass pipe mounting type.
- Suitable for $\Phi 8 \sim 11\text{mm}$, $\Phi 12 \sim 26\text{mm}$ wide range of pipe diameter.
- Amplifier built-in, space - saving installation.



Range	26mm
Installation	Non-flush
Connection	Cable (three-core wire, diameter 3mm)
Supply voltage	12-24VDC
Control output	NPN.NO/PNP.NO/NPN.NC/PNP.NC
Sensitivity adjustment	Multi-turn adjustable
Maximum output current	100mA
Current consumption	Less than 8mA
Power reverse protection	equipment
Leakage current	<0.1mA
Residual voltage	<1.5VDC
Switching frequency	50Hz
Output short circuit protection	equipment
Hysteresis	10%
Ambient temperature/humidity	-10°C to 55°C/35% to 85% relative humidity
IP protection rating	IP67
Size	Length x width x height 33 x 34 x 20 mm
Housing Material	ABS engineering plastics
Applicable pipeline	Material: plastic, glass, ceramic and other non-metallic materials; outer diameter: 12-26mm, wall thickness <3mm

CAPACITIVE SENSORS

PLATYPELLOID TYPE

- Efficient and space-saving flat type (built-in amplifier, thickness 10mm).
- Can be installed directly to the metal surface.



I. B40 Square Embedded/Non-Buried Capacitive Proximity Switch

Model No	B40 Square Embedded Capacitive Proximity Switch	B40 Square Non-Buried Capacitive Proximity Switch
Installation	Embedded	Non buried
Detection distance	15mm	20/40mm
Form Factor	118*40*40	
Ambient temperature	-25°C-60°C	
Protection level	IP67	

II. Square Capacitive Pipe Level Sensor

Range	26mm
Installation	Non-flush
Ambient temperature/humidity	-10°C to 55°C/35% to 85% relative humidity
IP protection rating	IP67
size	Length x width x height 33 x 34 x 20 mm