



GREENTECH

MV GREENTECH PVT LTD.



Product Catalogue

Ultra Precision Sensing Solutions

ULTRASONIC SENSORS

CYLINDRICAL COMPACT SENSORS

- The cylindrical shell is available in three sizes: M30, M18 and M12.
- The maximum detection distance can reach 6m.
- The M12 case is the smallest ultrasonic sensor on the market at just 55mm.
- High protection grade IP67, can be used in rain, snow and wet environment.
- Built-in temperature compensation to eliminate measurement errors.



Model	U12	U18 B	U18B -50	U18B A-50	U18B -150	U18B- 300	U18B- 500	U18B- 1000	U30B- 1500	U30B- 2000	U30B- 4000	U30B- 6000
Examination range	200- 4000 mm	50- 500 mm	3- 50m m	35- 40m m	20- 150m m	30- 300mm	200- 4000m m	60- 1000m m	80- 1500mm	120- 2000m m	200- 4000m m	500- 6000m m
Blind area	0- 200m m	0- 50m m	0- 3mm	-	0- 20m m	0- 30mm	0- 50mm	0- 60mm	0-80mm	0- 120mm	0- 200mm	0- 500mm
Protection level	IP67											
Ambient temperature	-25°C~+70°C(248~343K)											

PRESSURE AND CORROSION RESISTANT SENSOR SERIES

- FFKM perfluorinated rubber ring seals act as protective enclosures for environments requiring high levels of chemical corrosion.
- The measured value is displayed directly through the LED in mm/cm or % format.
- High pressure resistance up to 6 bar, for high pressure environment.
- The resolution of 0.025 mm~0.18 mm makes high precision measurement possible.



ULTRASONIC SENSORS

I. M8, M12, M18, M30 Corrosion Resistant Proximity Sensor Series (Flush/Non-Flush)

Product Model	J8MNF	J8NF	J12MNF	J12NF	J18MNF	J18NF	J30MNF	J30NF
Installation method	Flush	Non-Flush	Flush	Non-Flush	Flush	Non-Flush	Flush	Non-Flush
Detection distance	1mm	2mm	2mm	4mm	5mm	8mm	10mm	15mm
Working temperature	-25°C~+70°C							
Specifications	M8*1*45		M12*1*50		M18*1*55		M30*1.5*55	

II. Corrosion-Resistant M12 Proximity Sensor with PTFE Materials

Mounting	Flush / Non-Flush
SN	2-8 mm / 4-12 mm
Housing size	M12*68
Thread size	M12*1*42
Ambient temp.	-25 ~ 70°C
Protection degree	IP67
Housing material	PTFE

DOUBLE SHEET DETECTORS

- 3 control inputs for external sensitivity selection, triggering and Teach-in based on the material under test.
- A Teach-in is optional, for example, a teach-in is required for a solar silicon wafer coated with water and bonded together.
- The working distance between transmitter and receiver is optional from 20-70mm, flexible installation.
- Can be parameterized through LinkControl, great flexibility.



I. U18DA Ultrasonic Sensor

II. U18DB Ultrasonic Sensor

III. U18DC Ultrasonic Sensor

ULTRASONIC SENSORS

Model	U18DA	U18DB	U18DC
Examination range	20-40mm Best value: 40mm	30-70mm Best value: 50 mm	20-60mm Best value: 45 mm
Protection level	IP67		
Ambient temperature	0°C~+60°C(273~333K)		