

MIEPL ULT Series Non Contact Type Ultrasonic Level Transmitters are 2 wire instruments. An ultrasonic wave is pulsed 5 times a second. The compact size, narrow beam angle and small dead band ensures that these sensors will work reliably. These non-contact instruments find a variety of applications. Applications for measuring level in different liquids, like water, sugar juice, petroleum etc.

SALIENT FEATURE

4-20mA output (2/4 Wire Type)	RS485/MODBUS
Accurate Measurement	11 Deg Beam Angle
Compact size	Easy to mount
Automatic Temperature Compensation	Field programmable output



MODEL SELECTION

MODEL	:	10.0 M	5.0 M	2.0 M
RANGE	:	1.0-10 MTR.	0.4-5 MTR.	0.1-2.2 MTR.
BEAM ANGLE	:	12°	11°	10°
TEMPERATURE COMPENSATION	:	YES	YES	N/A

STANDARD SPECIFICATION

ACCURACY	:	0.25% OF FULL SCALE
RESOLUTION	:	1 MM
FREQUENCY	:	56 KHZ
ENCLOSURE	:	PLASTIC
PULSE RATE	:	5 PULSES PER SECOND
DISPLAY	:	2 LED'S FOR ECHO AND PROGRAMMING
SIGNAL OUTPUT	:	4 – 20 MA DC, OPTIONAL 0 – 20MA
OPERATING TEMPERATURE	:	0 TO 70 DEG C MAXIMUM
STORAGE TEMPERATURE	:	-40 TO 85 DEG C
PRESSURE RATING	:	ATMOSPHERIC PRESSURE ONLY
OPTIONS	:	RELAY OUTPUT, RS485-MODBUS

POWER REQUIREMENTS

VOLTAGE	:	12 TO 24 V DC
POWER CONSUMPTION	:	1 WATT MAXIMUM

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