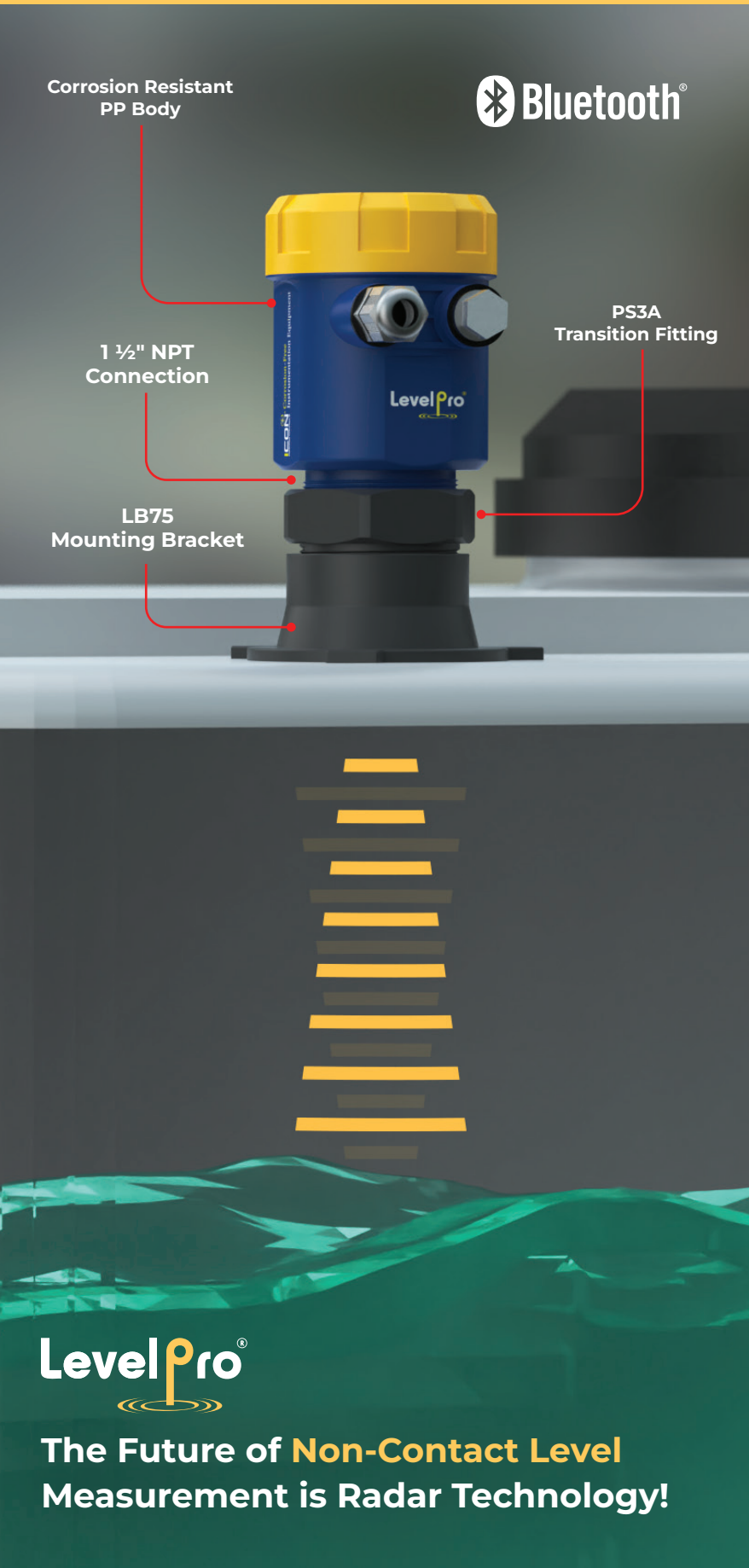


LevelPro® — ProScan® 3

RS485 Communication



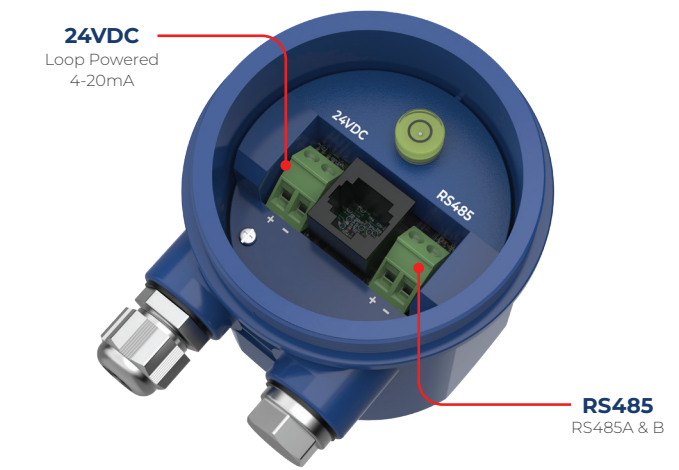
Specifications

Measuring Performance	
Minimum Range	0.1m
Maximum Range	10m (std), 20m (special order)
Resolution	1mm
Azimuth Beam Width (3 dB)	3°
Elevation Beam Width (3 dB)	3°
Measurement Accuracy	±2mm

Operating Conditions	
Operating Frequency Band	76 – 81 GHz
Mains Power Supply	18 – 24 VDC
Operating Average Current	20 mA
Output	Loop Powered 4-20mA
Communication Interface	RS485
Enclosure Protection	NEMA 4X IP68
Operating Temperature	-49°F – +185°F

Housing & Mounting		
Housing Material	PP+PC Body PP Transducer	316 SS+PC Body PP Transducer
Weight	280g	770g
Installation	Mounting Bracket	

Wiring



Model Selection

Connection	Part Number	Material	Display
1½" NPT	PS38000	PP	LCD
1½" NPT	PS38000P	PP	Blind
2" NPT	PS38000S	316 SS	Blind
1½" - 2" NPT	PS3A-15-20	PVC	-
2" NPT	LB75	PVC	-
2" NPT	LB50	GFPP	-
Clamp	LB80S	316 SS	-

LevelPro®

The Future of Non-Contact Level Measurement is Radar Technology!

MODBUS

1: Read Paras, Use Command 0x03

Register List			
Address	Description	Data Type	Remark
0002H	Current Level	16 bit Unsigned Integer	Unit : mm
0003H	Measure Range	16 bit Unsigned Integer	Unit : mm
0004H	Base Offset	16 bit Signed Integer	Unit : mm
0005H	Baudrate	16 bit Unsigned Integer	Unit : bps
0006H	Device ID	16 bit Unsigned Integer	Value: 1-255

2: Write Paras, Use Command 0x10

Register List			
Address	Description	Data Type	Remark
0003H	Measure Range	16 bit Unsigned Integer	Unit : mm
0004H	Base Offset	16 bit Signed Integer	Unit : mm
0005H	Baudrate	16 bit Unsigned Integer	Unit : bps
0006H	Device ID	16 bit Unsigned Integer	Unit : 1-255

Dimensions

