

FMCW 80GHz RADAR LEVEL SENSOR

AIRLS80 80GHz Radar Level Transmitter

The AIRLS80 is the ideal sensor for non-contact level measurement in simple applications. It is particularly suitable for open channel application: exp water/wastewater field, rain basins, flume, dam level monitoring. Meanwhile the sensors could be applied on some liquid tanks or containers.

- * High frequency 80GHz, More Focus.
- * Accuracy ± 2 mm(liquid)
- * Measuring range up to 20m
- * Small emitting angle $\pm 5^\circ$.
- * thread connection, customized flange.

With display.



AIRLS80BBAB



AIRLS80BBSS34/36



AIRLS80LAB

**ARANKA**Solution
with **Perfection****Specification**

SPECIFICATION	
POWER	24VDC
FREQUENCY	77-81GHz
MEASURING RANGE	20 METER
APPLICATION	WATER / LIQUID
OPERATING TEMPERATURE	-30 ~ 60'C
MAX. PRESSURE	AMBIANT
ACCURACY	+/- 2 mm
BEAM ANGLE	5 DEG.
CONNECTION	2" G THREAD
PROTECTION	IP67

Order Code

TYPE						
RADAR LEVELSENSOR						
AIRLS80080						
RANGE IN METERS						
10	10					
20	20					
DISPLAY						
BLINED		B				
LCD		L				
PARAMETER SETTING						
BLINED [BLUETOOTH]			B			
LCD			L			
LCD+BLUETOOTH			D			
ENCLOUSER BODY						
ABS				P		
ALUMINUM				A		
S.S.304				4		
S.S.316				6		
FLAM PROOF				F		
OUTPUT						
4~20mA					4	
RS485 MODBUS					R	
HART					H	
CONNECTION						
THREAD						T
FLANGE						F

Mobile App**ARANKA****ARANKA INSTRUMENTS LLP**

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RADAR LEVEL INSTALLATION CONDITION

