

HCDAR-81S Radar Level Transmitter



Application	Measurement Of Solid
Measuring Range	0~20m
Antenna Type	Lens/PTFE
Installation method	ThreadG3.5/Flange
Beam angle	3°
Response Time	< 0.6s (Due To Parameter Setting)
Medium Temperature	(-40~120) °C
DK Value of Medium	> 1.5
Process Pressure	(-0.1~2) MPa
Accuracy	< 2mm
Signal Output	(4~20) mA HART
Working Frequency	(76~81) GHz
Explosion-Proof Grade	Ex db ia IIC T6 Gb;Ex tb IIIC T80°C Db

Unit	Code	Parameters		
Instrument Type	P	Standard	I	Intrinsically Safe
	D	Flameproof	F	Dust Ignition-proof
Housing/Protection Grade	L	Aluminum Alloy/IP68		
	G	Aluminum Alloy Dual Chamber/IP67		
	D	316L Stainless Steel/IP68		
	Y	Special Custom		
Antenna Type	1	Lens Type/PTFE G3.5		
	3	Anti Corrosion Type		
Process Connection	G	Thread G3.5		
	B	Flange DN80 PN10		
	L	Flange DN80 PN10 Universal flange		
	R	Flange DN80 PN10 Universal flange with air purge		
	C	Flange DN100 PN10		
	K	Flange DN100 PN10 Universal flange		
	S	Flange DN100 PN10 Universal flange with air purge		
	F	Flange DN125 PN10		
	E	Flange DN125 PN10 Universal flange		
	H	Flange DN125 PN10 Universal flange with air purge		
	D	Flange DN150 PN10		
	N	Flange DN150 PN10 Universal flange		
	M	Flange DN150 PN10 Universal flange with air purge		
	Y	Special Custom		
	Electronic Unit	2	2 Wires (4~20) mA 24V DC/HART	
3		4 Wires (4~20) mA 220V AC		
Y		Special Custom		
Cable Inlet	M	M20*1.5		
	N	NPT1/2		
Material Type	L	Liquid	S	Soild
Measuring Range	1	(0~10) m	2	(0~20) m
Special Custom	Y	Special Custom		

