

HCDAR-80S Radar Level Transmitter



Application	Measurement Of Liquid
Measuring Range	0~20m
Antenna Type	Lens/PTFE
Installation method	ThreadG1.5/Flange
Beam angle	8°
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	
Material	4	304	
	6	316	
	7	PTFE	
Antenna Type	2	Lens Type/PTFE	
	3	Anti Corrosion Type	
Process Connection	Q	Thread G1	E Thread NPT1½
	W	Thread NPT1	R Thread G2
	G	Thread G1½	/ /
	T	Thread NPT2	A Flange DN50
	J	Flange DN65	B Flange DN80
	C	Flange DN100	F Flange DN125
	D	Flange DN150	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	
Measuring Range	1	(0~10) m	
	2	(0~20) m	
Special Custom	Y	Special Custom	