HCDAR-81



Application	Measurement Of Liquid, Solid
Measuring Range	0～120m
Antenna Type	Lens /PTFE
Mounting Thread	Thread G3.5/Flange
Beam Angle	3°
Response Time	<0.6s (Due To Parameter Setting)
Medium Temperature	(-40～120) ℃
DK Value Of Medium	>1.5
Process Pressure	(-0.1～2) MPa
Accuracy	<2mm
Signal Output	(4～20) mA HART, RS485 MODBUS-RTU
Working Frequency	(76 ~ 81) GHz
Protection Grade	IP68
Explosion Proof Grade	Ex db ia IIC T6 Gb; Ex tb IIIC T80℃ Db





Unit	Code	Parameters		
Instrument Type	P	Standard	F	Explosion 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/PTFE	3	Anti-Corrosive
	4	High Temperature (0-200℃)	Y	Special Custom
Process Connection	G	Thread G3.5		
	B	DN80 PN10 Flange		
	L	DN80 PN10 Universal flange		
	R	DN80 PN10 Universal flange with air purge		
	C	DN100 PN10 Flange		
	K	DN100 PN10 Universal flange		
	S	DN100 PN10 Universal flange with air purge		
	E	DN125 PN10 Universal flange		
	H	DN125 PN10 Universal flange with air purge		
	F	DN125 PN10 Flange		
	D	DN150 PN10 Flange		
	N	DN150 PN10 Universal flange		
	M	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		
	4	4 WiresRS485 MODBUS-RTU+(4～20)mA		
	5	4 WiresRS485 MODBUS-RTU		
	6	4 Wires (4～20)mA 24V DC		
	Y	Special Custom		
Cable Inlet	M	M20*1.5	N	NPT1/2
Material Type	L	Liquid	S	Solid
	D	Powder		
Measuring Tange	1	(0～30) m	2	(0～60) m
	3	(0～120) m		
Special Custom	Y	Special Custom		