

HCDAR-81 FMCW Radar Level Transmitter



Application :	Measurement Of Liquid, Solid
Measuring Range :	0 ~ 120m
Antenna Type :	Lens /PTFE
Mounting Thread :	Thread G3.5 Antenna Diameterφ70mm
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 , RS485 MODBUS-RTU
Working Frequency :	(76 ~ 81) GHz
Protection Grade :	IP68
Explosion Proof Grade :	Ex d[ia Ga] IIC T6 Gb

Unit	Code	Parameters
Instrument Type	P	Standard
	F	Explosion Proof
Housing /Protection Grade	L	IP68 Aluminum Alloy
	G	IP67 Aluminum Alloy Dual Chamber
	Y	Special Terms
Antenna Type	1	Lens/PTFE
	2	Anti-Corrosive
Process Connection	G	G3.5 Thread G3.5
	B	Flange DN80 PN6
	C	Flange DN100 PN6
	K	DN100 PN6 Universal Flange
	Y	Special Terms
Electronic Unit	2	2 Wires (4 ~ 20) mA 24VDC/HART
	3	4 Wires (4 ~ 20) mA 220V AC
	4	4 wires (4 ~ 20) mA RS485 MODBUS-RTU
	Y	Special terms
	Cable Inlet	M
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 Terms	Y	Special Terms

