

RADAR LEVEL TRANSMITTER (Purging function)



SDAR-81S



Application	Measurement of Solid
Measuring Range	0 ~ 30m (Max 120m, adjustable)
Antenna Type	Lens/ PTFE
Mounting Thread	Thread G3.5
Beam angle	3°
Response time	<0.6s (Due to parameter setting)
Medium temperature	-40°C ~ 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 d [ia Ga] IIC T6 Gb



Unit	Code	Parameters
Instruments type	P	Standard
	F	Explosion-Proof
Housing/ Protection Grade	L	Aluminum alloy/IP68
	G	Aluminum alloy dual chamber/IP67
	Y	Special terms
Antenna Type	1	G3.5 Lens/PTFE
	3	Anti-Corrosive
Process connection	G	Thread G3.5
	B	Flange DN80 PN10
	L	Flange DN80 PN10 Universal Type
	C	Flange DN100 PN10
	K	Flange DN100 PN10 Universal Type
	Y	Special terms
Electronic unit	2	2 Wires (4~20) mA 24VDC/ HART
	3	4 Wires (4~20) mA 24AC
	Y	Special terms
Cable inlet	M	M20*1.5
	N	NPT 1/2
Material type	S	Solid
Special terms	Y	Special terms

