

SEAL 80-82

High Temperature And Pressure Resistant FMCW Radar Level Transmitter

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OEM Color Options



Application	Measurement of liquid ,solid
Measuring Range	0~60m
Antenna Type	Lens /PTFE
Mounting Thread	Thread G3.5/Flange
Beam Angle	3°
Response Time	<0.6s (Due To Parameter Setting)
Medium Temperature	(-40~1200) °C
DK Value Of Medium	>1.5
Process Pressure	(-0.1~2) MPa (With Quartz Isolation Flange)
Accuracy	<2mm
Signal Output	(4~20) mA HART RS485 MODBUS-RTU
Working Frequency	(76 ~ 81) Ghz
Protection Grade	IP68

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Application	Code	Parameters		
Instrument Type	P	Standard	Y	Special Custom
Housing/ Protection Grade	L	Aluminum Alloy/IP68		
	G	Aluminum Alloy Dual Chamber/IP67		
	D	316L Stainless Steel /IP68		
	Y	Special Custom		
Process Connection	C	Flange DN80 PN25		
	G	G3.5 Thread		
	Y	Special Terms		
Electronic Unit	2	2 Wires (4~ 20) mA 24VDC/HART		
	3	4 Wires (4~ 20) mA 220V AC		
	4	4 Wires RS485 MODBUS-RTU+(4 ~ 20)mA		
	5	4 Wires RS485 MODBUS-RTU		
	6	4 Wires (4~ 20)mA		
	Y	Special Terms		
Cable Inlet	M	M20*1.5	N	NPT1/2
Material Type	L	Liquid	S	Solid
	D	Powder		
Range	1	(0~30)m	2	(0~60)m
	3	(0~120)m	Y	Special Terms
Medium Temperature	T0	-40~120°C	T1	-40~200°C
	T2	0~600°C	T3	0~1200°C
Process Pressure	P1	-0.1 ~2MPa		
	P0	-0.1 ~20MPa (Normal temperature)		
Special Custom	Y	Customized for a specific application		