

Product Overview

SEAL 80-80

SEAL 80-80S

SEAL 80-81

SEAL 80-81S

SEAL 80-82

SEAL 80-8H



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**80GHz High Frequency
Level Transmitter**

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SEAL 80-80

FMCW Radar Level Transmitter

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Application	Liquid Measurement
Measuring Range	0~120m
Antenna Type	Lens /PTFE
Mounting Thread	Thread G1.5/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,RS485 MODBUS-RTU
Working Frequency	(76 ~ 81) Ghz
Protection Grade	IP68
Explosion proof Grade	Ex ia IIC T6 Ga (Pending for Approval from Authority)

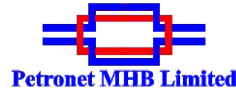
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Application	Code	Parameters		
Instrument Type	P	Standard		
	F	Explosion-Proof		
Housing/ Protection Grade	L	Aluminum Alloy IP68		
	G	Aluminum Alloy Dual Chamber/IP67		
	D	316L Stainless steel /IP68		
	Y	Special Terms		
Antenna Type	2	Lens type/PTFE G1.5		
	3	Anti corrosion type		
Process Connection	G	Thread G1.5	A	Flange DN50
	J	Flange DN65	B	Flange DN80
	C	Flange DN100	Y	Special Custom
Electronic Unit	2	2 Wires (4~20) mA 24V DC/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 24V DC		
	Y	Special Custom		
Cable Inlet	M	M20*1.5		
	N	NPT1/2		
Material Type	L	Liquid		
Range	1	(0~30)m		
	2	(0~60)m		
	3	(0~120)m		
Special Custom	Y	Customized for a specific application		

Major Customers:



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