

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 80-81

FMCW Radar Level Transmitter

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OEM Color Options



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) °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)

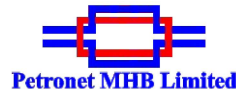
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FMCW Radar Level Transmitter

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Application	Code	Parameters		
Instrument Type	P	Standard		
	F	Explosion-Proof (Pending for Approval from Authority)		
Housing/ Protection Grade	L	Aluminum Alloy/IP68		
	G	Aluminum Alloy Dual Chamber/IP67		
	D	316L stainless steel /IP68		
	Y	Special Terms		
Antenna Type	1	Lens/PTFE		
	3	Anti-Corrosive type		
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		
	Y	Special Terms		
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 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		
Special Custom	Y	Customized for a specific application		

Major Customers:



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