

Product Overview

SEAL 80-80

SEAL 80-80S

SEAL 80-81

SEAL 80-81S

SEAL 80-82

SEAL 80-8H

SEAL 80-8S



SEE - BELIEVETM

**80GHz High Frequency
Level Transmitter**

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SEAL 80-81S

FMCW Radar Level Transmitter

SEE - BELIEVE™

OEM Color Options



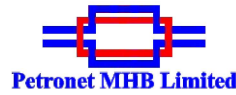
Application	Measurement Of Solid
Measuring Range	0~20m
Antenna Type	Lens
Installation method	Thread/Flange
Beam angle	3°
Response Time	< 0.6s (Due To Parameter Setting)
Medium Temperature	(-40~120) °C
DK Value of Medium	> 1.5
Process Pressure	(-0.1~2) MPa
Accuracy	< 2mm
Signal Output	(4~20) mA HART
Working Frequency	(76~81) GHz
Explosion-Proof Grade	Ex db ia IIC T6 Gb;Ex tb IIIC T80°C Db (UNDER APPROVAL WITH COMPETENT AUTHORITY)

SEAL 80-81S

FMCW Radar Level Transmitter

Unit	Code	Parameters		
Instrument Type	P	Standard	I	Intrinsically Safe (UNDER APPROVAL WITH COMPETENT AUTHORITY)
	D	Flameproof (UNDER APPROVAL WITH COMPETENT AUTHORITY)	F	Dust Ignition-proof
Housing/Protection Grade	L	Aluminum Alloy/IP68		
	G	Aluminum Alloy Dual Chamber/IP67		
	D	316L Stainless Steel/IP68		
	Y	Special Custom		
Material	4	304		
	6	316		
Antenna Type	1	Lens Type	3	Anti Corrosion Type/PTFE
Process Connection	G	Thread G3½		
	P	Thread NPT 3½		
	A	Flange DN50		
	J	Flange DN65		
	B	Flange DN80 PN10		
	C	Flange DN100 PN10		
	F	Flange DN125 PN10		
	D	Flange DN150 PN10		
	L	Flange DN80 PN10 Universal flange		
	K	Flange DN100 PN10 Universal flange		
	E	Flange DN125 PN10 Universal flange		
	N	Flange DN150 PN10 Universal flange		
	R	Flange DN80 PN10 Universal flange with air purge		
	S	Flange DN100 PN10 Universal flange with air purge		
	H	Flange DN125 PN10 Universal flange with air purge		
	M	Flange DN150 PN10 Universal flange with air purge		
	Y	Special Custom		
Electronic Unit	2	2 Wires (4~20) mA 24V DC/HART		
	3	4 Wires (4~20) mA 220V AC (Dual Chamber Housing)		
	Y	Special Custom		
Cable Inlet	M	M20*1.5		
	N	NPT1/2		
Medium Type	L	Liquid	S	Soild
Measuring Range	1	(0~10) m	2	(0~20) m
Bluetooth configuration	BT	BlueTooth 5.2		
	0	Without Bluetooth		
Special Custom	Y	Special Custom		

Major Customers:



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