

**PRODUCT SELECTION GUIDE**

**POINT  
LEVEL**



Simple and effective tools to alert when inventory has reached a high or low point in a vessel

**CONTINUOUS  
LEVEL**



Inventory management systems that provide accurate, up-to-the-minute estimates of vessel contents

**MATERIAL  
MANAGEMENT**



Tools to detect and aid material management including flow/no flow status, flow compaction, and dust detection

# POINT LEVEL

	ROTARY	CAPACITANCE PROBE	VIBRATING ROD	TILT SWITCH	DIAPHRAGM SWITCH
<b>Material</b>					
Powder	√	√	√	√	
Granular	√	√	√	√	√
Slurry	◇	◇			
Liquid		√	◇		
<b>Material Density</b>					
Low	√	◇	◇	√	√
High	√	√	√	√	√
<b>Material Moisture</b>					
Low	√	◇	√	√	√
High	√	√		√	
<b>Temperature</b>					
High	◇	◇	◇		
<b>Pressure</b>					
Atmospheric	√	√	√	√	√
Low	√	√	√	√	
Medium		◇	√	√	
<b>Vibration</b>					
Low	√	√	√	√	√
High	◇	◇		√	√
<b>Material Coating</b>					
Minimal	√	√	√	√	
Heavy Buildup		◇		√	
<b>Corrosive</b>					
Low	√	√	√	√	√
High	◇	√	√		√
<b>Installation</b>					
Top Mounted	√	√	√	√	
Side Mounted	√	√	√		√
Constrained Spaces	◇	◇	◇		
<b>Environment</b>					
Dust	√	√	√	√	√
Steam			◇		
Vapor	√	√	◇	√	√
Sanitary	◇	◇	◇		
<b>Hazloc Approvals</b>					
CSA	◇	◇	◇	◇	◇
ATEX	◇				

Suitable Application     √  
 Select Models             ◇

# CONTINUOUS LEVEL

	3D LEVEL SCANNER	NON-CONTACT RADAR	SMARTBOB	LASER	GUIDED WAVE RADAR	SMARTSONIC ULTRASONIC	SMARTWAVE RADAR
<b>Technology</b>							
Contact			√		√		
Non-Contact	√	√		√		√	√
<b>Material</b>							
Powder	√	√	√	◇	√		
Granular	√	√	√	√	√	◇	◇
Slurry		√	√	√	√	√	√
Liquid		√	√	◇	√	√	√
<b>Material Density</b>							
Low	√	◇	√	√	√	√	
High	√	√	√	√	√	√	√
<b>Material Moisture</b>							
Low	√	√	√	√	√	√	
High	√	√	√		√	√	√
<b>Temperature</b>							
High	◇	◇	◇		√	◇	
<b>Pressure</b>							
Atmospheric	√	√	√	√	√	√	√
Low	√	√	√	√	√		√
Medium	√	√	◇	√	√		
<b>Vibration</b>							
Low	√	√	√	√	√		
High		◇	◇		√		
<b>Material Coating</b>							
Minimal	√	√	√	√	√	√	√
Heavy Buildup	√	√	√	√			√
<b>Corrosive</b>							
Low	√	√	◇	√	√	√	√
High	√	◇		√		√	√
<b>Installation</b>							
Top Mounted	√	√	√	√	√	√	√
Side Mounted			◇				
Narrow Silos		√		√			
<b>Environment</b>							
Dust	√	√	√		√		
Steam		√	√		√		√
Vapor		√	√		√		√
Sanitary		√				◇	
<b>Hazloc Approvals</b>							
CSA	√	◇	√		◇		
ATEX	√	◇			◇		
<b>Data Monitoring</b>							
Binventory	◇	√	√		√	√	√
BinView	◇	√	√		√	√	√

Suitable Application √

Select Models ◇

# MATERIAL MANAGEMENT

	FLOW DETECT	DUST DETECT	PARTICULATE MONITOR	AERATION
<b>Material</b>				
Powder	√	√	√	√
Granular	√		√	
Slurry				
Liquid				
<b>Material Density</b>				
Low	√	√	√	√
High	√		√	
<b>Material Moisture</b>				
Low	√	√	√	√
High	√		√	
<b>Temperature</b>				
High			◇	
<b>Pressure</b>				
Atmospheric	√	√	√	√
Low	√	√	√	
Medium				
<b>Vibration</b>				
Low		√	√	√
High				
<b>Material Coating</b>				
Minimal	√		√	√
Heavy Buildup			√	
<b>Corrosive</b>				
Low	√		√	√
High	√		√	
<b>Installation</b>				
Top Mounted	√	√	√	
Side Mounted	√	√	√	√
Constrained Spaces				
<b>Environment</b>				
Dust	√	√	√	√
Steam				
Vapor			√	
Sanitary				
<b>Hazloc Approvals</b>				
CSA	◇		◇	
ATEX	◇			

Suitable Application     √  
 Select Models             ◇