

## Ronan Scintillation FlexDetector™



- High Detector Efficiency, Excellent Sensitivity - Able to Provide Measurements with Lower Intensity Source
- Active Length Up To 23 Feet (7 Meters) - Limits the Need for Multiple Detectors, Reduces Cost
- Spring Tension of PM Tube - Maintains Integrity of the Signal Path Under Vibration and when Detector is Mounted Inverted
- Lightweight and Easy To Install. 1.1 lbs./ft (0.5kg ) vs 15 lbs./ft (6.8kg) for Solid Crystal
- Can be Shipped via UPS or Other Carriers...No Need to Ship by Truck - Significant Savings on Freight Cost
- Flexible 12-inch (0.3 Meters) Radius - Fits Around the Contour of Irregular Vessels
- Fill Fluid: Non-Hazardous, Non-Flammable, Non-Toxic
- Improved Linearization Over the Entire Range of Active Length
- Lowest Cost Per Foot
- Ronan Quality Manufacturing - Backed by a Three Year Limited Warranty



# SPECIFICATIONS

## Ronan Scintillation FlexDetector™

<b>Performance</b>	
Level Range	The maximum active length of each detector is 23 feet (7 meters). Up to six detectors can be summed in a single electronics, giving a total continuous measurement range of 138 feet (42 meters)
System Accuracy	+/- 1 % span
<b>Environmental</b>	
Operating temperature	-10 to +60 C (Low Temperature and High Temperature Options Available)
<b>Electrical</b>	
Power supply	24 VDC @ .035 A
<b>Mechanical</b>	
Construction	Electronics - Stainless Steel Housing - Aluminum as Standard - 304 Stainless Steel Optional PVC Body - PVC Sheathed Aluminum Armored Flexible Conduit
Fill Fluid	Non-Hazardous, Non-Flammable
Weight	Detector Electronics - 8 lb, Body - 1.1lb per Active Foot ( 4.6 kg - 0.5Kg )
<b>Approvals</b>	
	Complies with Cenelec/Atex CSA Class 1, Div 1 Groups A,B,C,D Nema 4, Nema 4X
<b>Warranty</b>	Three Year Limited Warranty

## Ronan Scintillation FlexDetector™

### FlexDetector™ Dimensions

