



Excellent Design & Manufacture

## Level Detectors

### EDM mechanical level detectors

are rugged, industrial products specifically designed for versatility of application. This catalog contains application and ordering data for float and displacer-operated level detectors. Detectors are available with flanged or sealed chambers or as insertion models.

Options available for each type of detector include: detector type and number, housing type, chamber material, process connections, accessories, and more. Units may be customized to suit customers' needs.

Inside this catalog you will find solutions to your level sensing puzzles. EDM mechanical level detectors have many configurations available. If you don't see what you need, we will engineer a solution for your application.



### Features and Benefits

- Five-year warranty
- ASME Section IX and AWS qualified welding system
- Designed to ANSI/ASME B31.1 and B31.3 guidelines
- Hermetically sealed detecting mechanisms available
- Stainless steel detecting mechanisms
- High-temperature capability
- Wide variety of explosion-proof housings
- Versatile detecting mechanisms which retro-fit into other manufacturers' units
- Worldwide listings and certifications
- Quick worldwide delivery
- Only ASTM grade materials with certified mill test reports used
- GOST R Certificate for Russia
- Safety Certified to IEC 61508 (SIL)  
EDM products are certified to IEC 61508 for non-redundant use in SIL1 and SIL2 Safety Instrumented Systems for most models. For more details or values applicable to a specific product, see the Safety Integrity Level Quick Guide .

**EEB104-207071-207** mechanical level detectors are float operated, horizontal mounted with sealed, tamper-proof or flanged, serviceable chambers.

## Model Number System

# EEB104-207071-207

## Maximum Working Pressure

Minimum Specific Gravity	Function	Connection Style	Displacer Material	Connection Material	Pressure Rating - psig (bar)			
					100°F	(38°C)	450°F	(232°C)
0.48	Narrow Differential	NPT	Porcelain	All	1000	(69)	750	(52)

## Product Specifications

<b>Chamber Material</b>		<b>Trim Material</b>	
A106B Carbon Steel		Float Material	Porcelain
with A105 and A234-WPB fittings		Attraction Sleeve	400SS
<b>Housing</b>		<b>Detecting Mechanism</b>	
Explosion-Proof Housings		Detecting Description	
Enclosure Rating	NEMA 4, 4X	Standard Dry Contact	
	IP66	Detector Designator	DPDT
Description	Aluminum	Minimum Temperature	-15°F (-26°C)
Process Connection		Maximum Temperature	250°F (121°C)
Size	2-1/2" NPT	Detector Ratings	5A @ 20-30VDC
Minimum Specific Gravity	0.48		

## Chamber Dimensions

