



Excellent Design & Manufacture

## Level Detectors

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### 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 .

**EEK302-026064-026** Dual-stage, displacer-operated and suitable for top-insertion tank mounting.

Model Number System

EEK302-026064-026

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)
0.64	Narrow Differential	Flange	Porcelain	A105	285	(20)	185	(13)

Product Specifications

Chamber Material		Trim Material	
A106B Carbon Steel		Float Material	Porcelain
with A105 and A234-WPB fittings		Attraction Sleeve	400SS
Housing		Detecting Mechanism	
General Purpose, NEMA 4x 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	6"	Detector Ratings	5A @ 20-30VDC
Size	150# RF Flange		
Minimum Specific Gravity	0.64		

Product Specifications

Description
Special Calibration
Oversized Nameplate for customer tagging

## Chamber Dimensions

Dimensions in this catalog are for reference only. They may be changed without notice. Contact the factory for certified drawings for a particular model number. Dimensions are expressed as millimeters over inches. (Linear = mm/in.)

### Narrow Differential

