



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 .

Side Insertion Mount Float Detector

Model Number System

EWY606-003028-003

Maximum Working Pressure

Chamber Material	Pressure at Listed Temperature in psig (bar)*									
	100°F (38°C)	200°F (93°C)	300°F (149°C)	350°F (177°C)	400°F (204°C)	450°F (232°C)				
A106B	230 (15.8)	230 (15.8)	230 (15.8)	215 (14.8)	200 (13.7)	185 (12.7)				

Product Specifications

Chamber Material		Trim Material	
A 106 Grade B Carbon Steel with A105 and A234-WPB fittings		Float Material	316/316L Stainless Steel
Housing		Float Size	3"
Explosion-Proof Housings		Attraction Sleeve	400 Stainless Steel
Enclosure Rating	Ex d IIC T6 Gb	Detecting Mechanism	
Electical/Pneumatic Connections		Detecting Description	
		Standard Dry Contact	
		1" NPT	
Description	Aluminum	Detector Designator	DPDT
Process Connection		Minimum Temperature	-40°F (-40°C)
Size	3"	Maximum Temperature	250°F (121°C)
Style	150# RF Weld Neck Flange	Detector Ratings	5A @ 20-30VDC
Minimum Specific Gravity	0.50		

Accessory Compatibility Chart

Description
ATEX/IECEx Approval for Hsg
Special Calibration=275mm

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.)

