





**DESCRIPTION** The Roto-Bin-Dicator® is the most universal of all level sensing technologies and is the most popular level switch used in dry bulk materials. The Roto-Bin-Dicator® is a rotating paddle type, bulk material level sensor offered with a wide variety of paddle options for unequaled application versatility. It is easy to install and requires no special tools or calibration.

The impact resistant injection molded Mini Roto has been designed for use in small bins and hoppers where mounting space is at a premium. This compact and rugged level sensor includes adjustable sensitivity allowing it to be used in materials with densities between 5 lbs/ft³ and 65 lbs/ft³.

### **FEATURES AND BENEFITS**

Simple Mechanical Mechanism

• No calibration required

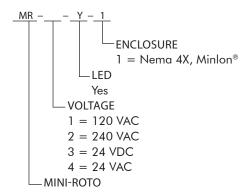
Wide Variety of Paddle Options

· Unequaled application versatility

Mount in Any Orientation

- High, intermediate, or low level indication
- Bulk densities from 5 lb/ft³ to 65 lb/ft³

## **HOW TO ORDER**



# **ACCESSORIES**

LMR110006	2 Vane (3"x12") PVC Paddle
LMR110007	PVC Extension & Guard Assembly
LMR110008	304 SS Extension & Guard Assembly
LMR120003	Insertable paddle, Nylon®
LMR120006	4 Vane Paddle, Nylon®
LMR120024	4 Vane Paddle, Ryton®
LMR120025	4 Vane Paddle, Food Grade
LMR120026	Insertable Paddle, Ryton®
LMR120027	Insertable Paddle, Food Grade
LMR130025	Mounting Plate, Nylon®
LMR130026	Mounting Plate Gasket

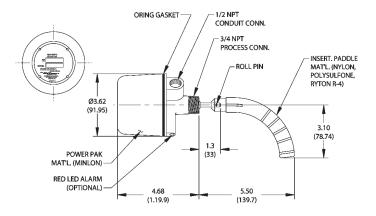


## **SPECIFICATIONS**

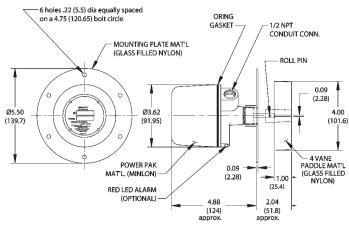
#### **FUNCTIONAL**

Operating Power	120/240 VAC, 24 VDC	
	or 24 VAC	
Motor Rating	Permanent-magnet synchronous,	
Moior Railing	2 watts	
	SPDT 10A 125 VAC	
Cultida Darita a	10A 250 VAC	
Switch Rating	½ A 125 VDC	
	1/4 A 250 VDC	
Operating Temperature	-40° F (-40° C) to 200° F (93° C)	
PHYSICAL		
D. Clark A	Precision machined shaft with two	
Drive Shaft Assembly	shielded ball bearings	
	Teflon®/Viton™ Lipseal™ rated ½	
Shaft Seal	micron @ 30 psi (2.1 kg/cm²) @	
	400° F (204° C)	
	Injection Molded Minlon®,	
Housing and Cover	corrosion resistant weatherproof	
	(NEMA 4, 4X, 5)	
Mounting	3/4" NPT	
	Nylon®, Ryton® or Polysulfone	
Paddle	Injection Molded; Insertable, 4	
	Vane and 2 Vane (PVC only)	
Shaft Extension	PVC or 304 Stainless Steel	
Conduit Entry	½" NPT	
Screw Terminals	For power and switch wiring	
Shipping Weight	1.0 lb (454 g)	

# **DIMENSIONS**



NOTE: BRKT'D. DIM'S () ARE IN M.M.



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