

# Electronic – Pulsed Output/Setpoint Switching



Model 123BR-RFI

Model	Body Material
123BR	Brass
123PP	Polypropylene
123SS	Stainless Steel

Add Suffix to Model number if RFO or RFS is required.  
Example: 123BR-RFO

RFI Rotor: Orange  
RFO Rotor: Black  
RFS Rotor: Black

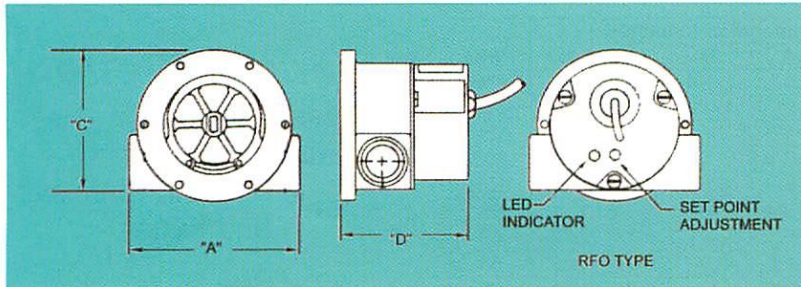
## Features

- ◆ Sizes 1/4" to 1/2" NPT
- ◆ RFI – Visual Only
- ◆ RFO – Pulsed DC Voltage Output/Flow Rate
- ◆ RFS – Flow Setpoint Switching AC or DC

## Ratings

- ◆ Pressure  
Brass/SS: 200 psi @ 70°F  
Polypro: 100 psi @ 70°F
- ◆ Temperature  
Brass: 180°F  
Stainless: 212°F  
Polypro: 180°F  
Electronics: 150°F

RFO – Pulsed DC Voltage Output	RFS – Flow Setpoint Switching
Input Power: 4.5VDC to 24VDC Output Signal: 4.5VDC to 24VDC Pulse Accuracy: ±7% or ±15% (depend. on size)	Input Power: 12VDC, 24VDC, 110VDC Set Point Accuracy: ±5% LED signals when setpoint is reached



Model	NPT	Flow Range GPM		A	C	"D" Depth in Inches			
		Low*	Standard			RFI	RFO	RFS(AC)	RFS(DC)
123PP	1/4	0.1-1.0	0.5-5.0	3.06	2.37	1.37	2.38	4.50	2.38
	1/2	1.5-12.0	4.0-20.0						
123BR	1/4	0.1-1.0	0.5-5.0	3.01	2.37	1.37	2.32	4.50	2.32
	1/2	1.5-12.0	4.0-20.0						
123SS	3/4	-	6.0-30.0	3.01	2.75	1.50	2.50	4.65	2.51
	9/16-18	0.1-1.0	0.5-5.0						
123SS	1/2	0.1-1.0	0.5-5.0	3.01	2.37	1.37	2.32	4.50	2.32
	1/2	1.5-12.0	4.0-20.0						

## Materials (Wetted)

- ◆ Rotor Pin: Ceramic
- ◆ Rotor: Nylon or PPS
- ◆ Lens: Polysulfone
- ◆ O-Ring: Viton in Brass/SS  
Buna-N in Polypro

# Dome Type – Agitating Balls - Threaded



Model 145

Model	Body Material
145	Brass

145 Brass

Can be panel mounted.

Best Position- Vertical up flow

## Features

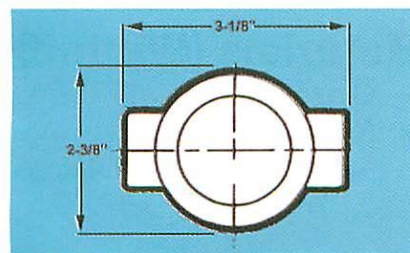
- ◆ Sizes 1/4" to 1" NPT
- ◆ Agitating Balls
- ◆ Dome Style Lens
- ◆ For Clear Liquids
- ◆ Not for Air

## Ratings

- ◆ 150 psi @ 150°F

## Materials (Wetted)

- ◆ Lens: Polycarbonate
- ◆ Seal: Buna-N
- ◆ Balls: Green & White Acrylic Plastic



Unit Size	GPM	Wt lbs.
1/4	.4 – 4	1
3/8	1.5 – 11	1
1/2	2.5 – 18	1
3/4	3.0 – 40	1.25
1	5.0 – 45	1.50