

# FLT-BKFC1

## Paddlewheel Flow Meter

The Paddlewheel Flow Meter from Advantage Controls keeps track of a pump output by measuring the volume of product passing through the suction tubing or piping.

The pulse output can be measured and processed by Series A and R pumps or MegaTron controllers for inventory control, loss of prime notification, and feed verification.

The Paddlewheel Flow Meter can be mounted directly to Advantage pumps, a wall, or a panel with tubing and piping connection options.

### Key Features

- High Accuracy Infrared Sensor
- 3/8" OD Tubing Connection
- Mounts Directly to Advantage Pumps
- PVDF Chemical Resistant Lens

### Construction Material

**Body, Paddle, Axle:** PVDF

**Tubing Connector:** PVDF

**Viewing Lens:**

Opaque, Chemical Resistant PVDF

**O-Ring Seals:** Viton

**Compression Seal to Pump:** PVC



### Specifications

**Electrical:** 5-28 VDC

**Max. Working Pressure:**

100 psig (7.6 bar) @ 100° F (37.8° C)

**Max. Fluid Temperature:**

200° F (93° C) @ 0 PSI

**Full Scale Accuracy:** +/- 6%

**Max Viscosity:** 1 cps

**Sensor:** Infra-red Light Beam

**Signal Output:**

5VDC Digital Square Wave (3-Wire)

**Sensor Output Cable:**

3-Wire Shielded Cable, 6ft.

**Enclosure:** NEMA type 4X (IP56)

**Shipping Weight:** Approximately 1 lb. (.45kg)

