

# Low Pressure Mechanical Flowmeter – Easiflow

Part # EF7731110221



The Easiflow switch is a flow measuring device incorporating an AC/DC switch suitable for controlling valves or pump motors or for activating alarm signals.

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## Technical Specifications

Industry:	Industrial Manufacturing Equipment, Off-Road Machinery, Industrial & Chemical Processing	Sensing Method:	Variable Oriface Flowmeter
Brand:	Parker	Accuracy:	+/- 5% FSD
Flow Rate:	1 to 15 l/min	Electrical Requirements:	YES
For Fluid Type:	Water	Communication Interface:	n/a
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Signal Output:	AC/DC
Switch Type:	Magnetically Operated Reed	Cycle Time:	n/a
Technology:	Filtration	Specifications Met:	Pressure Directive
Product Type:	Condition Monitor	ATEX Specifications Met:	n/a
Product Style:	Flow Meter	Ingress Protection Rating:	n/a
Operating Pressure:	10 bar	Materials of Construction:	Borosilicate Glass
Flow Rate:	1 to 15 L/min	Seal Material:	Nitrile
Port Size:	1 inch	Body Material:	Glass Filled Nylon
Port Type:	BSP	For Fluid Type:	Water
Operating Temperature:	5 to 60 °C	Height:	106 mm
Maximum Fluid Temperature:	+60 °C	Length:	196 mm
Minimum Fluid Temperature:	+5 °C	Width:	60 mm
Operating Humidity:	n/a	Diameter:	60 mm

[Safety Warning](#)

## Item Information

The Parker Easiflow Series comprises a wide range of inline mechanical flow measurement devices that are ideally suited for high-flow, low-pressure applications, including hydraulic fluid return lines and water processing systems. The flowmeters are non-intrusive (i.e., do not flow) and feature a clear glass body, which allows users to visually determine flow rate in a system and/or line. The meters can also be with a magnetically-operated reed switch that's capable of controlling valves and/or pumps, or activating alarm signals in the event that exceeds or drops below a pre-determined level set by the user.

Easiflow meters are highly simplistic and versatile devices that utilize a variable-orifice aperture (i.e., variable area principle). The meters can v

Multiple Easiflow models are available to meet the unique fluid flow requirements of customers' systems. Flow rates range from 1 – 150 L/min (.25 - 40 GPM), with a maximum allowable working pressure of 10 bar (145 psi). All Easiflow devices are calibrated for both oil and water and feature accuracy and repeatability of +5% full scale deflection (FSD) and +-1% FSD, respectively.

For information regarding compatibility with corrosive fluids, contact a Parker Filtration representative.

Markets:

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Applications:

- Hydraulic return lines
- Hydraulic test units
- Water processing systems

Benefits:

- Clear glass body construction allows users to quickly and easily determine flow rate in a system and/or line
- Helps protect critical equipment from damage by ensuring that hydraulic fluid levels do not go above or below specified levels
- Serves a reliable and economical alternative to high-cost flow measurement devices, such as turbines or electronic flowmeters

Features:

- Capable of flows ranging from 1 - 150 L/min (.25 - 40 GPM)
- Operating temperature range (oil): 5 to +80°C (+41 to +176°F)
- Operating temperature range (water): 5 to +60°C (+41 to +140°F)
- Maximum allowable working pressure: 10 bar (145 psi)
- Optional mechanically-operated reed switch
- Clear glass body construction
- Calibrated for both oil and water

## CAD Drawings + Files



## Related Documents



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