

Paddle Liquid Flow Switch

DS1434



Features:

- Good repeatability
- Low pressure loss
- Dirt resistant
- Hermetic separation of electrical and hydraulic components
- Stress free fixing of switch unit by plastic cap

Description:

The body of the flow switch is a standard pipe tee, BSP threaded, which contains a paddle type vane. Flow pushes the vane against magnetic forces: when flow exceeds a critical value the magnet actuates a reed switch position, the output is changed between N/O & N/C contacts: fine adjustment changes the flow sensitivity and switch rate.

Pipe Sizes	1/4" - 2"
Hysteresis	0.7 L/min - depending on switch value
Connection	BSP Female
Limits	25 bar max, 110°C max
Material	Brass or 316 Stainless Steel
Cable Length	1.5m
Output	Reed contact, 1Amp at 250V max. Selectable NO/NC SPST
Protection	IP65

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com

Paddle Liquid Flow Switch

DS1434



SKU	Description
F59300105	Flow Range 2.5 - 3 L/min with ¼" BSP Connections and Brass body
F59300106	Flow Range 3 - 3.5 L/min with 3/8" BSP Connections and Brass body
F59300107	Flow Range 4.5 - 5 L/min with ½" BSP Connections and Brass body
F59300108	Flow Range 5 - 6 L/min with ¾" BSP Connections and Brass body
F59300116	Flow Range 9.5 - 11.5 L/min with 1" BSP Connections and Brass body
F59300117	Flow Range 13 - 16 L/min with 1¼" BSP Connections and Brass body
F59300118	Flow Range 30 - 35 L/min with 1½" BSP Connections and Brass body
F59300119	Flow Range 42 - 53 L/min with 2" BSP Connections and Brass body
F59400105	Flow Range 2.5 - 3 L/min with ¼" BSP Connections and Stainless Steel body
F59400106	Flow Range 3 - 3.5 L/min with 3/8" BSP Connections and Stainless Steel body
F59400107	Flow Range 4.5 - 5 L/min with ½" BSP Connections and Stainless Steel body
F59400108	Flow Range 5 - 6 L/min with ¾" BSP Connections and Stainless Steel body
F59400116	Flow Range 9.5 - 11.5 L/min with 1" BSP Connections and Stainless Steel body
F59400117	Flow Range 13 - 16 L/min with 1¼" BSP Connections and Stainless Steel body
F59400118	Flow Range 30 - 35 L/min with 1½" BSP Connections and Stainless Steel body
F59400119	Flow Range 42 - 53 L/min with 2" BSP Connections and Stainless Steel body

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com