

Nestec Series 8000 Flow Switch

Overview

The 8000 series flow switches are magnetically coupled, paddle operated and suitable for a wide range of liquids. They are robustly constructed for use in the process industries.

Specifications

Flow Range	Standard up to 6.7m/sec
Working Pressure	Up to 150 bar G
Weatherproof Protection	Up to IP68
Process Connections	NPT/BSP thread
Sizes	Line sizes up to 10"
Materials	316 Stainless Steel (preferred)
Switch Type	See page 2
Switch Rating	See page 2



Applications

- Air conditioning.
- Refrigeration systems.
- Liquid transfer systems.
- For pipelines 1" to 10" diameter.
- Chemical and food processing.
- Fuel oil pump monitoring.

Certifications

Exd IIC T6 / Exia IIC T6

Features

- IP68 protection, with trailing cable
- Mounting in vertical position
- Reed or inductive proximity switch options suitable for liquids or gasses
- Flameproof or intrinsically safe options
- Standard 1" NPT/BSP pipe boss mounting
- Flow rate velocities from 6.7 m/min (22 ft/min)
- Model options for pressures up to 150 bar g
- Stainless steel (preferred) or various plastic contact materials
- Operates up to 170 °C (depending on switch option)
- IP65 enclosure option

Options

- Tee piece mounting
- IP65 enclosure

Registered Address

ABLE Instruments & Controls Ltd
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Registered in England No. 01851002. VAT No. GB 417 2481 61

How To Specify Your Series 8000 Flow Switch

Z **Flow Switch Type**

SERIES 8000

Y **Pipe Size in Inches**

1	6
2	7
3	8
4	9
5	10

W **Pipe Connections (Female)**

H	1"	BSP
J	1"	NPT
X	Special Thread	

X **Contact Materials**

4 – PVC
5 – Polypropylene
8 – 316 Stainless Steel
10 – CPVC
14 – PVDF
18 – Marine Bronze

V **Reed Switch Maximum Ratings & Certification**

Switch Type	Protection	Volts ac/dc	Amperes ac/dc	Watts VA	Form
R	IP67	15/34	200mA	-	PNP
W	IP68	250	1.25A	20	C/O

Z **Y** **W** **X** **V**

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SER 8000 – 2 – H – 8 – W

Notes:

316 Stainless Steel is the preferred contact material

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