

**Two-way Bidirectional Paddle Flow Switches (Magnetic Reed Flow Switch)****MODEL NO.: BI-FS-20****DETECT LIQUID IN PIPE FLOWS OR NOT:**

Bidirectional Paddle flow switch use **new structure**, could monitor the flow by Two-way. It is operate by **micro magnetic reed switch**, it is normal Open, when flowing water push the paddle, the transfer structure change the switch condition, it close. This flow switch could be **Flame-poof**.

<b>Model</b>	:	<b>BI-FS-20</b>
Product Name	:	Flow Switch
Junction Box Material	:	Al. Alloy, IP65
Touching Liquid Part Material	:	TEFLON, SUS304
Contact Capacity	:	40W/230VAC SPST
Max Pressure	:	30bar
Work Medium	:	Water and oil
Pipe Size	:	DN20~DN200
Max. Pressure Drop	:	3PSIG
Working Temperature	:	-30°C~150°C
Setting Acting-point Tolerance	:	±25%
Repeatability Error	:	±5%

## Product Description:

Vane type of Flow Switch utilizes the flow rate of water to drive the vane to test whether the liquid in the Pipe flows or not. When the liquid in the Pipe does not flow, the spring presses the magnet and make the vane vertical, at this moment, the spring switch has no operation, the contact point is at "NO" state. When the liquid flows in Pipe/vessel and the flow is big Enough to crash the vane higher to 20 to 30 degree, eccentric strap drive above the vane push the magnet upward, suction force of magnet make the magnetic spring switch operate, while the contact Point is connected, the length of vane changes due to the diameter of pipe.

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### Manufactured & Marketed By:

***M/S. Bombay Instrument Mfg. Co.***

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