

- Attractive price
- Simple and reliable design
- For liquids up to 140 °C
- Operates both flow directions
- Installation on pipes from 1" to 3"
- IP65 protection housing
- Explosion-proof version available
- ATEX EExd head type EG

BESKRIVNING

BASI's BFS50 paddle flow switch is designed to operate with low contaminated liquids with moderate flow rates as water and water solutions, oil, and fuels. This model uses the well-know principle of paddle operated magnet switch. The flow switch works in process temperatures -30 to 140°C

TECHNICAL SPECIFICATIONS

Housing : Aluminum IP65 (G), IP68 (EG)
Wetted parts : SS304 (1.4301)
Adjustment : Cut paddle length 1 to 3"
Flow range : 15 to 130 l/min
Process connection : G 1", 1"NPT

ADJUSTMENT

Range adjustment : Cut paddle length 1 to 3"

OUTPUT

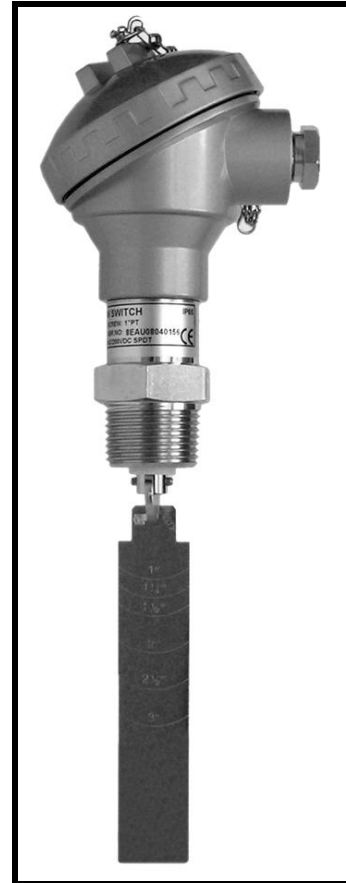
Reed contact : NO/NC 230VAC 2A 50W
 activates at flow rate over set-point

Set-point adjustment : +/- 25%

Repeatability : +/- 5%

INSTALLATION

Ambient temp : -10 to +65°C
Process temperature: -30-140 °C (CIP up to 150 °C)
 (-30- 100 for Ex version)
Process pressure : Up to 25 bar
Protection : IP65 (Ex version IP68)
Mounting : In process G 1", 1"NPT
Weight : Max 950g
EMC : EN 50081-1, EN 50082-2, EN 61010-1
 73/23/EEC & 89/336/EEC



ORDER INFORMATION

BFS50	
HOUSING	CONNECTION
G IP65	Q12 G 1"
EG IP68 EExd	Q15 1" NPT



MECHANICAL SPECIFICATION

Model .	BFS50												
Specifications													
Pipe diameter	1"		1 1/4"		1 1/2"		2"		2 1/2"		3"		
Flow range (set-point) [l/min]	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	
Paddle length	1"	20	16	33	25	47	35	66	58				
	1 1/4"			25	18			58	47	89	78		
	1 1/2"					54	39	89	62	124	97		
	2"							70	47	93	66	128	105
	2 1/2"									78	50	105	85
3"											85	62	
Process connection	G1", 1" NPT												
Electrical connection	screw terminals inside the housing												
Housing (protection) (2)	aluminum head type "G" (IP65) or ATEX-approved Ex 'd' head type "EG" (IP68) (3)												
Wetted parts	304 stainless steel (1.4301)												
Weight	max. 950 g												