

## FF82 Paddle Flow Switch

TYPE	PIPELINE DIAMETER	PADDLE mm	Minimum flow rate Value m <sup>3</sup> /h		Maximum flow rate Value m <sup>3</sup> /h	
			Decreasing	Increasing	Decreasing	Increasing
FF82	1"	35	0,5	1	1,9	2
	1" ¼	35	0,7	1,2	2,7	2,9
	1" ½	58	1	1,6	3,6	3,9
	2"	58	2,1	2,9	5,7	6,1
	2" ½	89	2,7	4	6,5	7
	3"	89	4,3	6,1	10,7	11,4
	4"	89	11,3	14,7	27,6	28,9
	* 4"	167	6,1	7,9	17,3	18,4
	5"	89	22,8	28,3	53	55,5
	* 5"	167	9,2	12,8	25	26,7
	6"	89	35,8	43	81,6	85
	* 6"	167	12,2	16,8	30,5	32,5
	8"	89	72,4	85	165,5	172,3
	* 8"	167	38,5	46,4	90,7	94

### TECHNICAL CHARACTERISTICS

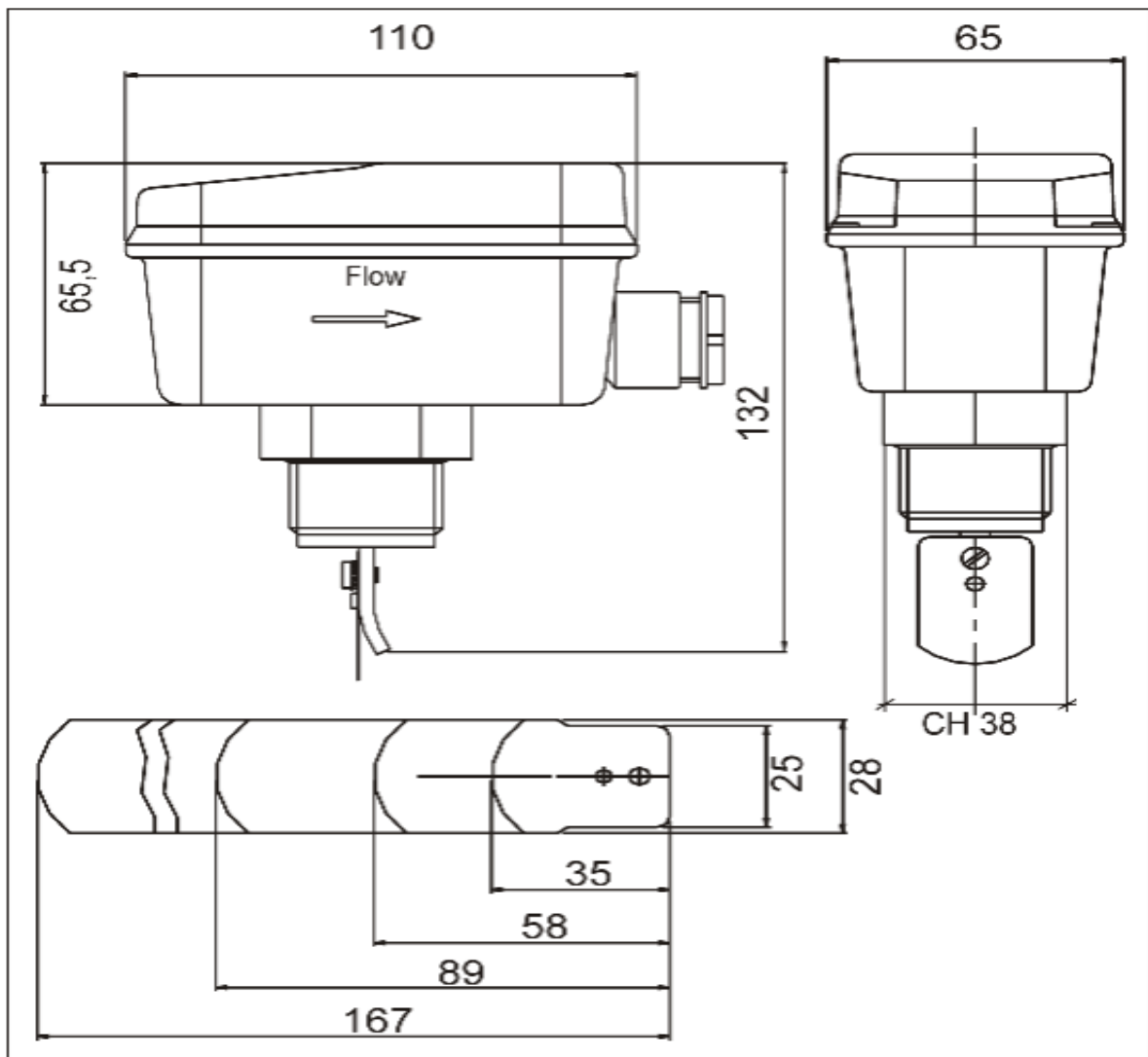
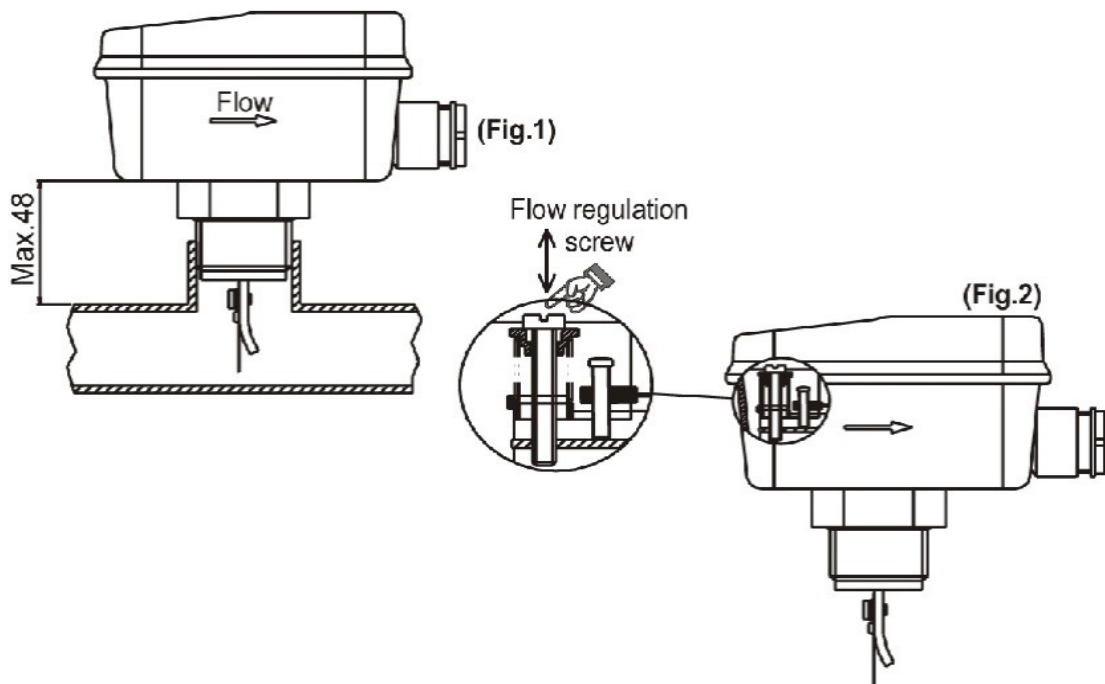
- Flow rate as per table
- Protection grade Ip65
- Max pressure 10 bars
- Working temperature: -20 ÷ 110°C
- Ambient temperature: 50°C
- Antishock thermoplastic material enclosure
- Paddles in inox AISI 301 for pipes from G1 to G8
- G1" connection
- Female 6,3mm electrical connection
- Sealed cable gland **Pg16**

### INSTALLATION

To be installed on sections of horizontal pipe, far from valves, elbows, irregular flows or discharges, the straight pipe must be at least 5 times of the long of the of the pipe. The flow direction must follow the arrow designed on the instrument.

- Respect installation distance as per ( **fig 1** )
- Check the correct installation and the correct functioning, pushing the regulation screw to simulate flow ( **fig 2** )

**Caution: All electrical installations must be done by qualified personnel in accordance with all national regulations.**



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