OFFICINE OROBICHE

PADDLE FLOWSWITCH PLJ-EN



DESCRIPTION

PLJ-EN is a flowswitch specifically designed to be installed in firefighting water lines as a flow detector certificated EN 12259-5. It shall be screwed perpendicular to the pipe, in any direction. It's typically mounted on sprinklers lines.

When the water flow decreases it moves the paddle connected to SPDT microswitch not in contact with the fluid. A screw inside the housing allow to calibrate the set value by changing the force needed by the water to move the paddle. The instrument is supplied with a set of paddles suitable for any pipe DN and they can also be cut on site to be adjusted to any need.

FEATURES

- Short delivery, ready on shelf
- Cost effective flow switch solution
- Easy installation and set
- EN 12259-5 certificate
- Installable in any orientation

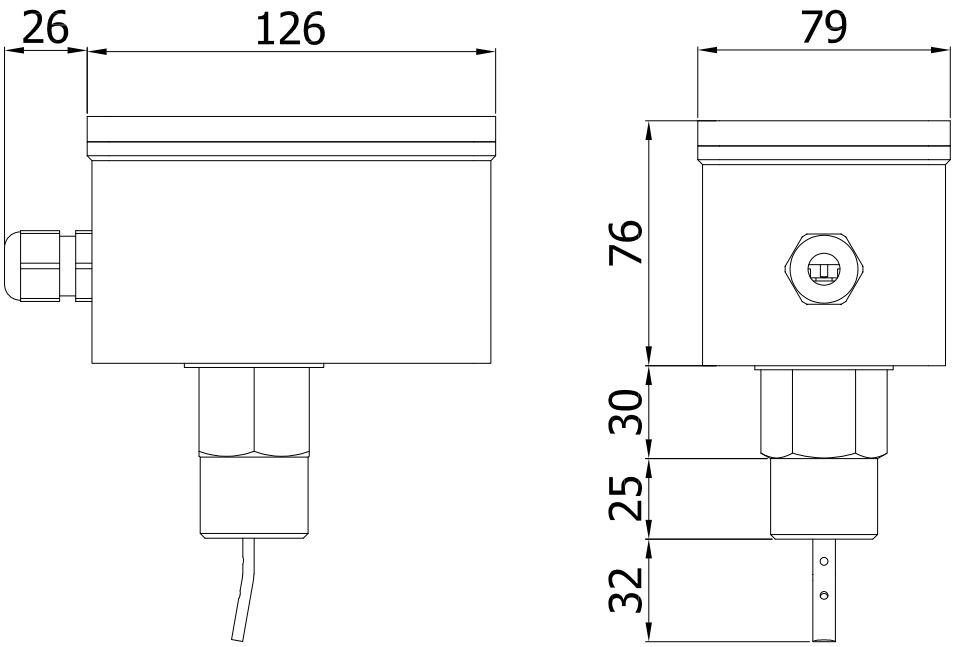
TECHNICAL SPECIFICATIONS

- Connection 1" ISO 7/1-R
- Stainless steel body and paddle as prescribed by EN-12259-5
- Maximum Pressure 25 barg
- Ambient T range -25 / +80 °C
- Fluid T range -30 / +120 °C
- Ingress protection IP65
- Painted aluminium housing
- ISO M20x1.5 cable gland
- SPDT contact 15 A 125/250 VAC - 5A 24 VDC

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FLOW RATE TABLE

Pipe DN	Min set [m³/h]		Max set [m³/h]	
	Opening	Closing	Opening	Closing
25 (1”)	0.6	1	1.9	2
32 (1¼”)	0.8	1.3	2.8	3
40 (1½”)	1.1	1.7	4.1	4.4
50 (2”)	2.2	3.1	6.1	6.6
65 (2½”)	2.8	4.1	7.3	7.8
80 (3”)	4.3	6.2	11.4	12
100 (4”)	6.1	8.4	17.3	18.4
125 (5”)	9.3	12.9	25.2	26.8
150 (6”)	12.3	16.8	30.7	32.7
200 (8”)	38.6	46.6	90.8	94.2



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Information subject to change without prior notice