



AK-100 FLOW SWITCH

GENERAL FEATURES

Ayvaz AK-100 flow switch is used in heating, hvac, cooling and various industry for safety purposes or warning flow existences.

Product Features:

Pressure Regulation Plates
AISI 304 Stainless Steel

Connection:

Threaded (1")

Pressure:

Max. 16 bar

Working Temperature:

Max. 90 °C

Applications:

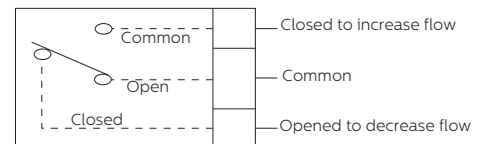
-Heating, ventillation and cooling system

Installation:

The direction of flow should be in same way with the pointed arrow on the device. Flow switch is made of three plates. These plates are connected each other with different sizes. Depends on the pipe size, mounting should be carried as follows:

- For 1" pipes, remove two larger plates
- For 2" pipes, remove the largest plates
- For 3" pipes, remove three larger plates
- For 3",4" and 5" pipes, use the extra plates and shorten it to 92, 117 and 143 mm.
- For 8"-12" pipes all the extra plates should be used

Electrical Connection Scheme:

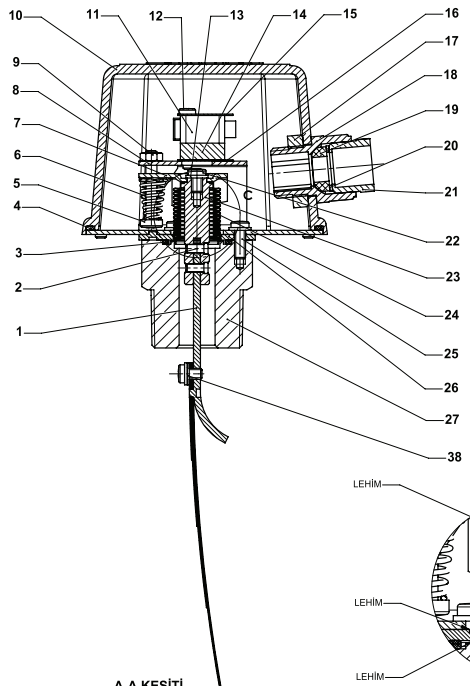


Pre-operating:

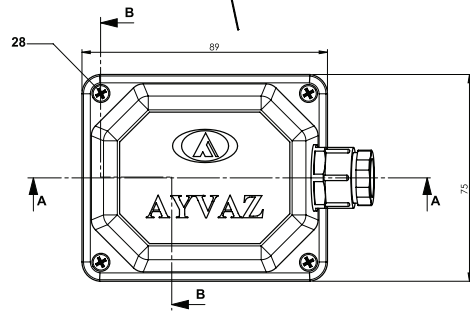
Check the mounting and electrical connection. The device is set to minimum differential. If you want to change the pre-set value, drive the screw beside the micro-switch.

Part Name	Material
Case	St. 37.2
Cover	ABS Plastic
Connection	1" MS 58 Brass
Supply Voltage	220 V
Pipe Size	DN25-DN300

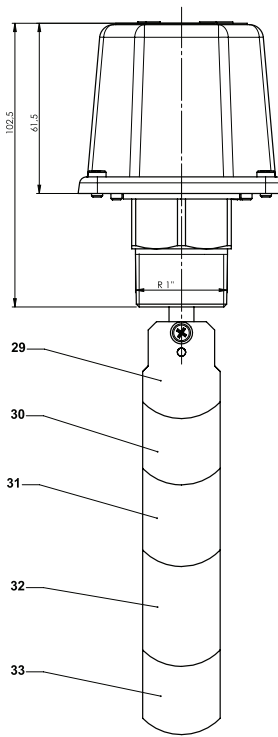
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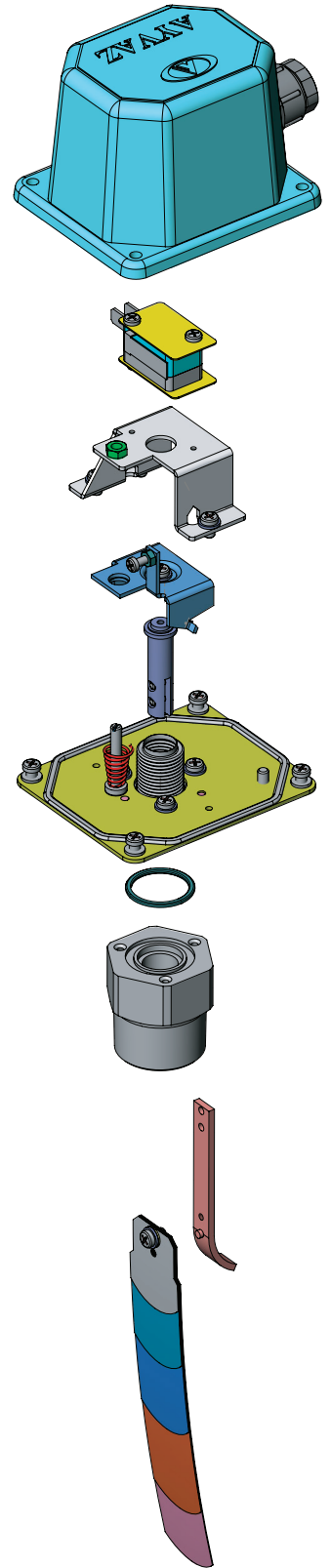
A-A KESİTİ



B-B KESİTİ



No	Part	Material
1	Plate Holder Handle	Ms 56
2	Plate Holder Handle Pin	Ms 56
3	Sealing O-Ring	NBR
4	Cover Sealing O-Ring	NBR
5	Spring Guide Bolt	
6	Switch Pressure Spring	Spring Steel
7	Switch Pressure Part	St 37
8	Switch Connection Part	St 37
9	Guide Bolt Nut	8
10	Cover	ABS-LEXAN
11	Switch	
12	Switch Fixing Bolt	8.8
13	Spring Ring	
14	Switch Pad	
15	Switch Isolation Plate(Top)	Pertinax
16	Switch Isolation Plate(Bot-tom)	Pertinax
17	Cable Raccord Nut	
18	Cable Raccord (Bottom)	
19	Cable Raccord Bolt	
20	Cable Raccord Ring	
21	Cable Raccord(Top)	
22	Bellow Stem Fixing Bolt	8.8
23	Bellow Stem	Ms 56
24	Bellow	Cu Sn 8
25	Connection Stem Fixing Bolt	8.8
26	Bellow Flange	Ms 56
27	Connection Raccord	Ms 56
28	Cover Connection Bolt	8.8
29	Pressure Adj. Plate 1	AISI 304
30	Pressure Adj. Plate 2	AISI 304
31	Pressure Adj. Plate 3	AISI 304
32	Pressure Adj. Plate 4	AISI 304
33	Pressure Adj. Plate 5	AISI 304
34	Switch Pressure Bolt	8.8
35	Switch Pressure Bolt Nut	8
36	Plate Body	St 37
37	Cover Gasket	NBR
38	Ring	



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HEAD OFFICE - FACTORY

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