



**ISO 9001
REGISTERED**

NEW-FLOW

MANUFACTURE OF FLOW SIGHT GLASS INDICATOR

NAH SERIES

Instruction Manual



PATENT NO.

Taiwan: M385024

China: 1854921

U.S.: 8418567B2



NAH-1

NAH-2

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INSTALLATION

Technical Data

Material: Body: Polycarbonate (P.C), Polysulfone (PSU) & SS316 available
 Tube Housing: Polycarbonate (P.C), Polysulfone (PSU) & Glass available
 O-rings: Viton
 Rotor: POM, PP+10% glass fiber available
 Rotor guide: SS316
 Thread connection: SS316

Viscosity: 1~150 mm²/s

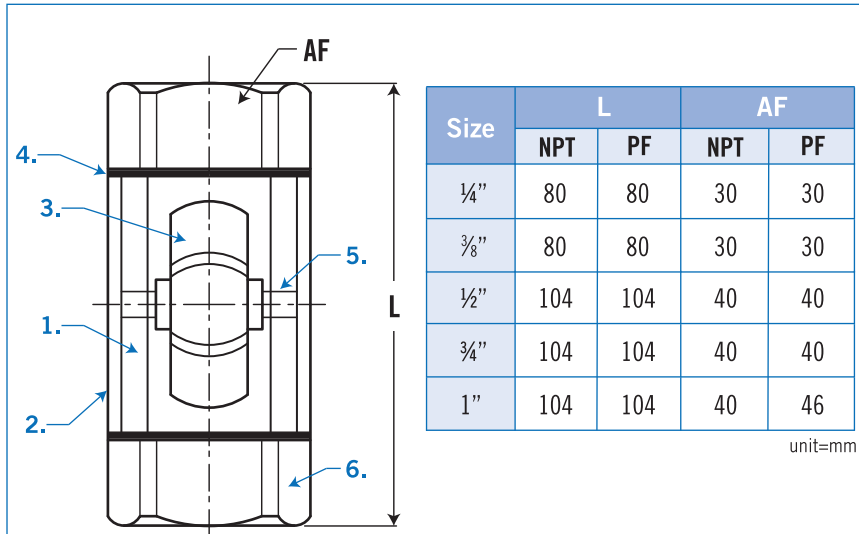
Indication Range: minimum 0.4~4 L/Min; maximum 1.6~40 L/Min for water

Max. Pressure: PC body: 8bar; PSU body: 12bar; SS316 body: 16bar

Max. Temperature: PC body: -5°C~+80°C; PSU & SS316 body: -5°C~+100°C

Connection Size: ¼", ⅜", ½", ¾", 1" female PF or NPT available

Dimensions



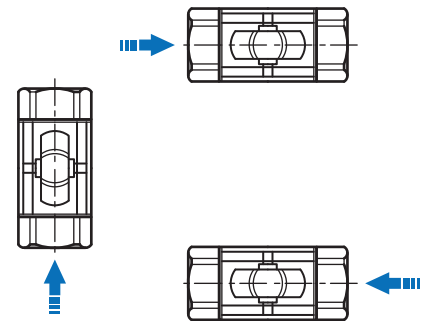
Parts & Material List

Item	Parts Name	Material
1.	Body	PC, PSU, SS316 available
2.	Tube Housing	PC, PSU, Glass available
3.	Rotor	POM, PP+10% Glass Fiber
4.	Gasket	Viton
5.	Rotor Guide	SS316
6.	Thread Connection	SS316

Flow Range Table

PF/NPT	With Rotor	Without Rotor
¼"	0.4~4 L/Min	8.3 L/Min
⅜"	0.6~8 L/Min	11.1 L/Min
½"	1~12 L/Min	31.5 L/Min
¾"	1~25 L/Min	36.5 L/Min
1"	1.6~40 L/Min	38.0 L/Min

Mounting Position



NOTE:
 Flow Direction only can:
 1. Bottom to Top
 2. Left to Right
 3. Right to Left

Operation Warning

1. Solid Bigger than 1.0mm in fluid. Strainer has to be installed in pipe ahead of sight glass gauge.
2. Avoid any pressure surge of fluid.