

# Plastic Sight Flow Indicator



Manufacturer of Specialist Flow Instruments

The plastic sight flow indicator is a robust, low-cost industrial class flow indicator that is simple to install. It can be mounted in any position from vertical to horizontal without any special connectors or plumbing.

Constructed of high impact polycarbonate plastic. This product offers excellent structural integrity and compatibility with a wide range of industrial chemicals. The transparent polycarbonate plastic body allows visual inspection of the fluid condition as well as viewing the centrifugal movement of the internal impeller.



## Applications

- Water
- Oils
- Coolants
- Chemicals
- Corrosives
- Air and gases

## Materials

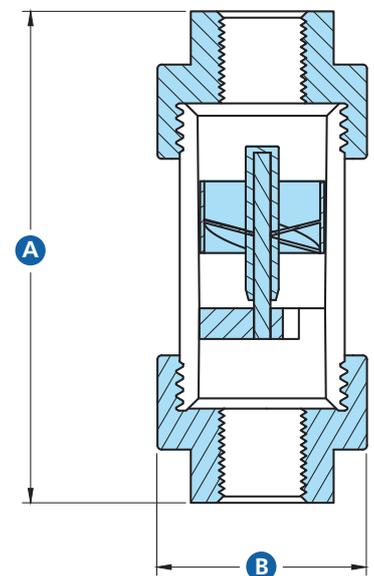
- Body** - Polycarbonate
- Impeller** - PPS
- Spindle** - Stainless steel 316
- Seals** - Viton
- End caps** - SS 316, Bronze, Aluminium, PVC.

## Features & Benefits

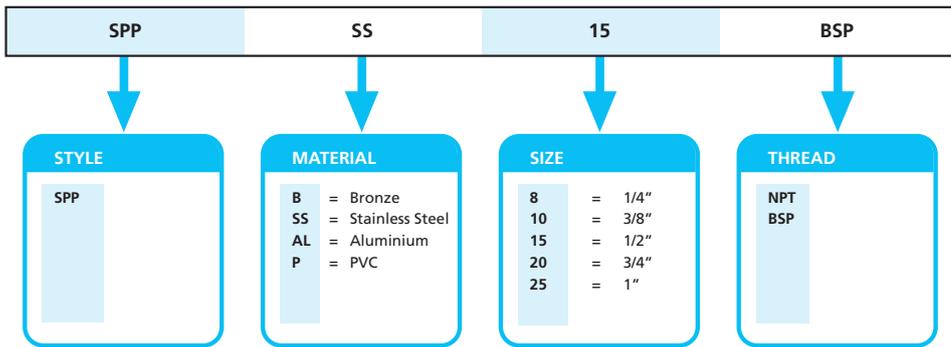
- 1/4 inch to 1 inch BSP/NPT connection
- Easy to install in any position
- No special piping or connections required
- Robust with good shock and vibration resistance
- Resistant to a wide range of chemicals
- Temperature - **80°C (maximum working temperature)**
- Pressure - **10 bar (maximum working pressure)**

## Dimensions

mm	SIZE		Dim A Length	Dim B Width	Weight Kg	Max Flow LPM
	inch					
8	1/4"		120mm	50.8mm	0.60	20
10	3/8"		120mm	50.8mm	0.60	20
15	1/2"		127mm	50.8mm	0.60	20
20	3/4"		127mm	50.8mm	0.60	40
25	1"		127mm	50.8mm	0.60	40

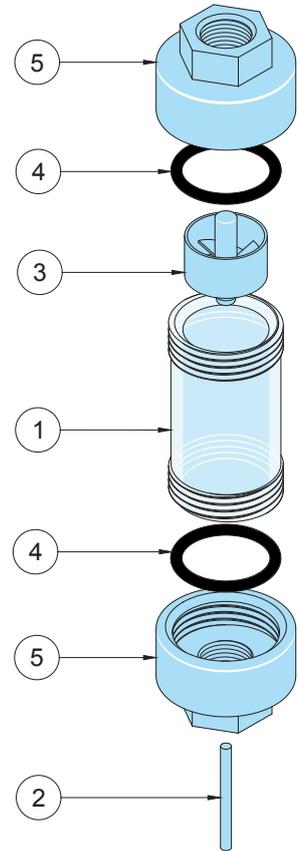


## Part Code Builder



## Parts List

Item	Qty	Part No.	Description	Material
1	1	7101	Body	Polycarbonate
2	1	7102	4mm Shaft	Stainless Steel
3	1	7103	In Line Spinner	PPS
4	2	7104	Seal	Viton
5	2	7105	End cap	Bronze, Stainless Steel, Aluminium, PVC



## Technical Instructions

The flow indicators are in-line devices. Mounting can be in any position and no straight length of pipe is required before or after the unit. Under the Pressure Equipment Directive (PED) these products are pressure accessories and are not approved for use as safety accessories, as defined by the PED. If used for safety purposes, it is the responsibility of the user/installer to assess the suitability of the product in the pressure equipment or system in which it is used.

It is the responsibility of the user/installer of this equipment to ensure:

1. The product is installed and used by suitably trained personnel in accordance with all relevant local and national regulations and codes.
2. Safe working practices for the media and processes concerned are followed during installation and maintenance.
3. The materials of construction are suitable for the application.
4. The product is protected from fire.

5. The product is protected from impact/vibration.
6. For outdoor use in exposed positions, the instrument must be additionally protected/shielded from heavy rainfall.
7. Regular inspection for corrosion/erosion and wear are carried out.
8. End cap torque setting is 7nm. Over tightening the end caps will damage the sealing face of the body causing the unit to leak.

### Essential Safety Requirements

1. The instrument must be installed in accordance with the instructions provided.
2. Prior to installation drain pipelines to ensure they are free from any solid particles or pressure.
3. Care must be taken to avoid introducing torsional stress on the instrument when installing into the pipeline. Tighten sufficiently to avoid leaks and check at regular intervals during maintenance.

4. Ensure pipelines are fully primed before commencing normal use.
5. Valves must be opened or closed gradually to avoid shock/vibration.
6. Do not exceed maximum working pressure as stated on the label.
7. Only use with the fluid/gas stated on the label.
8. Do not exceed minimum/maximum working temperature as stated.
9. Do not use instrument if any part of the cable appears to be damaged.
10. Isolate instrument before removing cover.

### General Maintenance

1. Remove instrument from pipeline.
2. Check for and remove any swarf/foreign body, clean if necessary.
3. The instrument is only cleaned by washing with detergent. Do not use abrasive cleaners or solvents.
4. Re-assemble instrument.

