

# Sight Flow Indicators

## Type P Flanged & Threaded Sight Flows

- High quality robust design
- Threaded or flanged connections
- Pressures up to 60 Bar
- Temperatures up to 250°C
- CE Marked where required and fully compliant with the Pressure Equipment Directive



### Applications

The style P sight flow indicator has a plain spout cast in the body and is used to check for the presence of a liquid where there is intermittent flow, partially filled lines or entrained air. It can be used in vertical or horizontal lines. The integral drip lip makes it ideal for leak detection.

### Advantages:

- Fully PED Compliant
- Ease of Maintenance: Glasses can be individually removed & replaced
- Durable construction
- METAGLAS® Safety sightglass option

### Construction:

- Screwed connections to NPT, BSP parallel or taper
- Socket weld also available
- Standard Flanges: ANSI 150, ANSI 300 and PN16
- Special flanges available
- Body cast in 316 stainless steel or carbon steel
- Stainless steel covers and screws
- PTFE gaskets (Graphite on request)
- Sodalime glass to BS3463 for rated to 16 Bar
- Borosilicate glass recommended for steam & condensate

### Options:

- METAGLAS® Safety Sightglass Windows For ultimate safety & long life.
- Special Materials: Including Super Duplex or Low Carbon Steels.
- Internal Flap or Paddle Wheel for flow indication
- NACE MRO175: Sightglasses can be produced to conform with NACE MR0175
- Lining: Body can be lined with HALAR, ECTFE or PFA for particularly corrosive applications
- High pressure soda lime glass to BS3463 rated to 60 bar
- High pressure range uses powder coated mild steel covers as standard, stainless steel covers available as an option Toughened Borosilicate to BS3463 or DIN7080 rated to 16 Bar
- Mica discs can be used to protect glass from alkaline liquids or steam

### Quality:

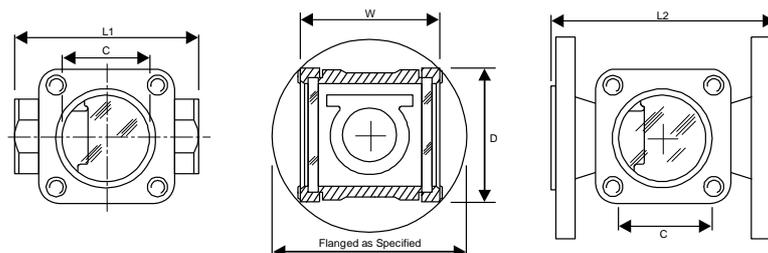
- Manufactured to the highest standard
- Quality system is independently certified to ISO9001.
- Indicators are fully PED compliant & CE marked where required
- Full material traceability is maintained, material Test certificates & pressure test certificates supplied on request

SP				Stainless steel body A351 CF8M (316) Carbon steel body A216 GR WCB
CP				Glass Material & Pressure Range Toughened soda lime glass to BS3463 rated to 16 bar (Standard) Toughened soda lime glass to BS3463 rated to 40 bar Toughened borosilicate glass to BS3463 rated to 6 bar Toughened borosilicate glass to DIN 7080 rated up to 16 bar
	H			
	B			
	HB			
		008		Indicator Size 8mm / 1/4" (screwed only)
		010		10mm / 3/8" (screwed only)
		015		15mm / 1/2"
		020		20mm / 3/4"
		025		25mm / 1"
		040		40mm / 1 1/2"
		050		50mm / 2"
		080		80mm / 3"
		100		100mm / 4"
		150		150mm / 6"
		200		200mm / 8"
		250		250mm / 10"
			A	End Connection ANSI 150
			C	ANSI 300
			N	PN16
			1	BSP
			2	BSPT
			3	NPT
			4	Socket Weld

## Materials of Construction

- Covers - Stainless steel ASTM A351 CF8M (316)
- Powder coated mild steel grade S355J2+N
- Internal Gasket - PTFE
- External Gasket - Klingersil C4400
- Edge Protector - Klingersil C4400
- Fasteners - (Standard) - A2 Stainless steel
- (High Pressure) - High tensile steel

## Dimensions



NOMINAL BORE	LENGTH L1	LENGTH L2	WIDTH W	DEPTH D	CLEARVIEW C
8/10mm (screwed)	85	N/A	63	60	42
15/20mm	85	130	63	60	42
25mm	95	140	72	66	48
40mm	120	180	102	84	62
50mm	150	220	118	106	77
80mm	N/A	260	160	170	100
100mm	N/A	260	196	170	100
150mm	N/A	360	304	220	150
200mm	N/A	460	370	280	200
250mm	N/A	460	370	280	200