

Nixon P Sight Glass

This straight through sight glass is ideal for you to visually check the presence, colour and condition of a liquid.

- ◆ High quality robust design
- ◆ CE marked and fully PED compliant
- ◆ Pressures up to 60 bar
- ◆ Temperatures up to 250°C
- ◆ Short lead times
- ◆ The lowest prices in the UK
- ◆ Designed and manufactured in the UK.



Application

The Nixon P sight glass 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.

Construction

The bodies are cast in either carbon steel or 316 stainless steel.

The glass windows are held in place by stainless steel covers and screws, and sealed with PTFE gaskets, giving superior protection. For ease of maintenance the glasses can be individually removed and replaced.

For standard applications the indicator is fitted with toughened soda lime glass discs to BS3463 and rated to 16 bar. For steam and condensate, we recommend toughened borosilicate glass, while for alkaline liquids mica discs can be used to protect the glass.

The sight glasses can be supplied with screwed connections to NPT, BSP parallel or taper. The standard flanges available are ANSI 150, ANSI 300 and PN16, though special flanges can be supplied.

Options

Body - Nixon Flowmeters can supply sight glasses in special materials such as super duplex or low carbon steels. Sight glasses conforming to NACE MR0175 can be produced. For particularly corrosive applications the body can be lined with HALAR, ECTFE or PFA.

Glass - High pressure toughened soda lime to BS3463 rated to 60 bar, toughened borosilicate to BS3463 or DIN7080 rated up to 16 bar. The high pressure range uses powder coated mild steel covers as standard, though stainless steel covers are available.

Output - A flow switch can be fitted to the indicator to give an alarm if the flow moves above or below a pre-set value.

Quality

All indicators are manufactured to the highest standards.

The quality system is independently audited by BSI and certified to ISO 9000. The indicators are fully PED compliant and CE marked where required. TUV are our external auditors for the Pressure Equipment Directive.

Full material traceability is maintained, material certificates and pressure test certificates are supplied on request.

Specification Code

Code		Description
SP		Stainless steel body BS 1504 316 C16
CP		Carbon steel body BS 1504 161 GR480
GP		Gunmetal body BS 1400 LG2 (screwed only)
		Glass Material & Pressure Range
		Toughened soda lime glass to BS3463 rated to 16 bar (Standard)
H		Toughened soda lime glass to BS3463 rated to 40 bar
B		Toughened borosilicate glass to BS3463 rated to 6 bar
HB		Toughened borosilicate glass to DIN 7080 rated to 16 bar
		Indicator Size
	008	8mm / ¼"
	010	10mm / ⅜"
	015	15mm / ½"
	020	20mm / ¾"
	025	25mm / 1"
	040	40mm / 1 ½"
	050	50mm / 2"
	080	80mm / 3"
	100	100mm / 4"
	150	150mm / 6"
	200	200mm / 8"
	250	250mm / 10"
		End Connection
	A	ANSI 150
	C	ANSI 300
	N	PN16
	1	BSP
	2	BSPT
	3	NPT
	4	Socket Weld

Materials of Construction

Covers (Standard) - Stainless steel BS 1504 304 C15
 (High Pressure) - Powder coated mild steel

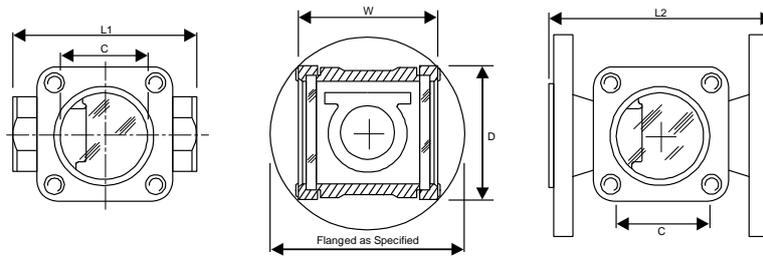
Internal Gasket - PTFE

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