

INDICADOR- VISOR DE CAUDAL PM



- **CE Marked** and fully compliant with the Pressure Equipment Directive
- With threaded or flange connections
- Pressures up to 16 bar (higher available)

Safety, Reliability & Long Life:

Type PM Sightflow Indicators with METAGLAS[®] windows offer the ultimate in safety and long life.

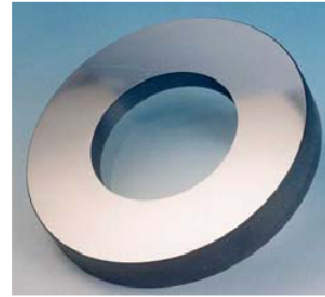
The unique METAGLAS[®] fused glass windows far exceed conventionally toughened glass in safety and performance.

Unlike conventionally toughened glass which should be discarded on removal, METAGLAS[®] can be removed for cleaning then replaced & re-used again and again.

Units are **CE Marked** and fully compliant with the Pressure Equipment Directive

Quality:

- Quality system is independently audited by BSI and certified to ISO9000.
- Full material traceability is maintained, material test certificates & pressure test certificates supplied on request



Extremely high strength due to radial compression of glass fused inside metal ring

- Very high impact & pressure resistance
- High resistance to bending
- No catastrophic failure of glass
- No bolt loading on glass
- Allows tightening of bolts to eliminate leakage without damaging glass
- METAGLAS is manufactured to DIN7079-1 Standard for Glass-to-Metal sight glasses

Construction:

- Screwed connections to NPT, BSP parallel or taper. Socket weld also available
- Standard Flanges include ANSI 150, ANSI 300 and PN16. Special flanges available
- Body cast in stainless steel or carbon steel
- Stainless steel covers and screws
- PTFE gaskets
- METAGLAS[®] discs available in Duplex Stainless Steel, Hastelloy C22 or C4 and Carbon steel
- Borosilicate glass similar to DIN7080

Options:

- **Special Body Materials:** Including Super Duplex or Low Carbon Steels.
- **High pressures** up to 40 bar
- **Lighting** – illuminate the process. Wide range of luminaires available for safe and Ex Hazardous area environments
- **Paddle Wheel** for flow indication
- **Lining:** Body can be lined with HALAR, ECTFE or PFA



TECNOPRODUCTS

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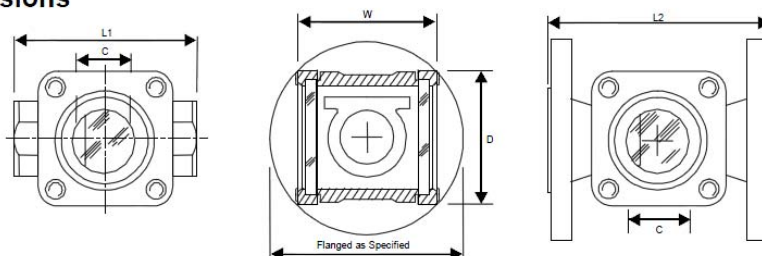
Specification Code

Code	Description		
SPM CPM			Body Stainless steel body BS 1504 316 C16 Carbon steel body BS 1504 161 GR480
	M		Window Material METAGLAS® (Duplex Stainless Steel/Borosilicate Glass)
		015 020 025 040 050 080 100 150 200	Indicator Size 15mm / 1/2" 20mm / 3/4" 25mm / 1" 40mm / 1 1/2" 50mm / 2" 80mm / 3" 100mm / 4" 150mm / 6" 200mm / 8"
		A C N 1 2 3 4	End Connection ANSI 150 ANSI 300 PN16 BSP BSPT NPT Socket Weld

Materials of construction

Covers	-	Stainless steel BS 1504 304 C15
Internal Gasket	-	PTFE
External Gasket	-	Klingsil C4400
Edge Protector	-	Klingsil C4400
Fasteners (Standard)	-	A2 Stainless Steel
(High Pressure)	-	High tensile steel

Dimensions



NOMINAL BORE	LENGTH L1	LENGTH L2	WIDTH W	DEPTH D	CLEARVIEW C
15/20mm	85	130	63	60	35
25mm	95	140	72	66	35
40mm	120	180	102	84	45
50mm	150	220	118	106	55
80mm	N/A	260	160	170	65
100mm	N/A	260	196	170	65
150mm	N/A	360	304	220	80
200mm	N/A	460	350	280	120

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CONDUCCIÓN Y ESTANQUEIDAD DE FLUIDOS

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PRODUCTOS Y TECNOLOGIA PARA LA INDUSTRIA QUIMICA, ALIMENTARIA Y FARMACEUTICA