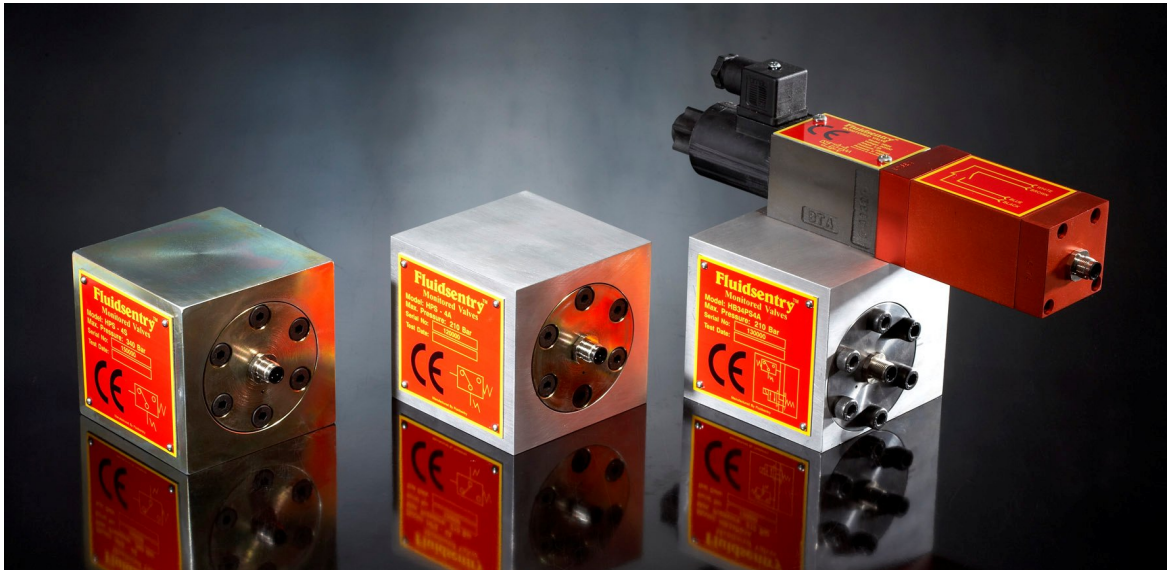




Fluidsentry™
Monitored Valves

Hydraulic and Pneumatic Pressure Monitor Range

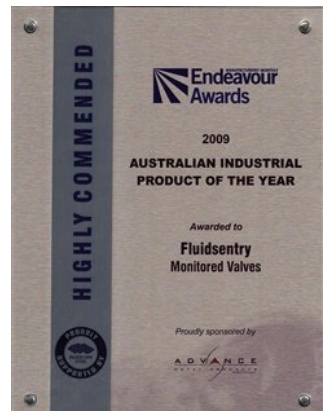


***AUSTRALIAN DESIGNED AND BUILT
SUITABLE FOR CATEGORY 4 APPLICATIONS***

EN 954-1 & AS4024.1

Applications: Safety pressure monitoring, confirmation of accumulator bleed off for guard access preconditions, back pressure detection and process control.

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Fluidsentry™

MONITOR SPECIFICATIONS

Description:	Safety pressure monitors have been design to interface into new or existing safety systems where residual pressure must be depleted. The monitors consist of a non-adjustable preset between 3 & 6 psi switchover on depressurization and 15psi switchover on rising pressure. The pressure monitor incorporates a two-pole positive driven plunger type switch, with positive opening contact pre-approved to category 4 safety applications. A single pressure monitor is suitable for category 2 applications when used in conjunction with another safety function or two independent units are suitable for pressure monitoring in category three or four applications.		
Models:	Single monitor Single monitor	HPS-4A HPS-4S	(Aluminium 200 Bar) (Steel 340 Bar)
Materials:	Main body: Piston housing: Piston: Glide Seal: Energizer Seal: Return spring: Piston Housing Seal: Screws: Lubricant:	Aluminium or Steel Steel Aluminium Bronze PTFE Nitrile Rubber Mild Steel Nitrile rubber Cap Screws M8X20 Molykote 55M	
Switch Point:	Normally closed contact (Black/White)	3-6psi (20-40kPa)	
Switch:	Make: Model: Type: Approvals: Contacts:	Bernstein C2-U1Z (600.8101.001) Plunger En 60947-1, EN 60947-5-1, VDE 0660/100/200 1 x Normally Open, 1 x Normally closed	
Wiring:	Switch Terminals:	Normally Closed 11 – 12 White – Black Normally Open 21 – 22 Brown – blue	
Coil:	Voltages available: Power Consumption @ 24VDC	24vdc Cetop 3 30 Watts Cetop 5 36 watts	
Performance:	Valve working pressure range: Single monitor port connection: Medium: Operating temperature range:	0-200 Bar (Aluminum) 0 – 340 Bar (Steel) 1/4” BSP Compressed air filtered & lubricated or Hydraulic -5 C to +50 C	
Rating:	Protection:	IP 65	
Approvals:	Low Voltage Directive: EMC Directive: Machinery Directives:	73/23/EEC – EN 60204. 89/336/EEC – EN 55014, EN 50081-2, EN 50082-1, EN 50082-2, IEC 1010, IEC 950. 98/37/EC – EN 292-1, EN 292-2, EN 983, EN 954-1, EN 10.	
Manual:	Manual Override:	Removed	

