



## Lockout relay valves

### Types 1200/1201/ 1205/1206

These lockout relays are pilot-operated, three port, two position valves with a manual reset knob, designed for panel mounting. In the 'locked out' position, service line pressure (Port 2) is vented to tank (Port 4) while supply pressure (Port 3) is blocked. The relay will not operate if a pressure is applied to the pilot connection (Port 1).

The hand knob is pulled to reset the relay, blocking the tank (Port 4) and connecting supply pressure (Port 3) to the service line (Port 2). If a pilot supply is present the relay will immediately be held in this position. Where a pilot supply is not initially present, the relay can be fitted with a latch pin to maintain it mechanically in the actuated position. When a pilot supply is applied, this pin will automatically disengage.

Either loss of pilot pressure or pushing the hand knob returns the relay to the closed 'locked out' position. The relay can be closed manually at all pilot pressures for gaseous media but only up to 70 psi pilot pressure for liquid media.

Specifically designed for use in wellhead safety shutdown systems, the relay is manufactured from 316 stainless steel and CA104 aluminium-bronze materials which meet the requirements of NACE Standard MR-01-75 (latest revision as applicable).

### Operating parameters

<b>Working pressure</b>	10.3 bar (150 psi).
<b>Pilot pressure – minimum</b>	2.1 bar (30 psi).
<b>Pilot pressure – maximum</b>	10.3 bar (150 psi).
<b>Operating media – Types 1200/1205</b>	Air, natural and sour gases
<b>Operating media – Types 1201/1206</b>	Mineral oil, water, water-glycol mixtures
<b>Connections</b>	1/8" NPT all ports.
<b>Working temperature – standard</b>	-20°C to + 160°C.
<b>Working temperature – arctic</b>	Available on request
<b>Manual close, maximum pilot pressures – gaseous media</b>	10.3 bar (150 psi)
<b>Manual close, maximum pilot pressures – liquid media</b>	4.8 bar (70 psi)

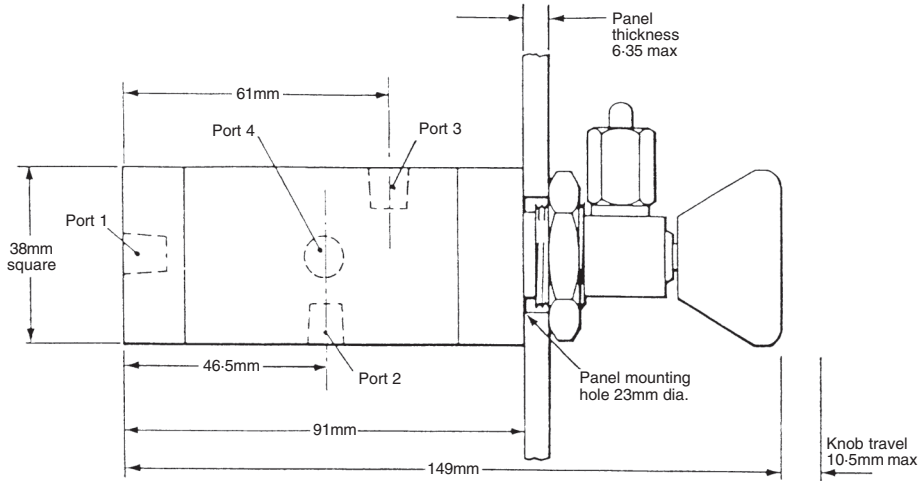


These valves conform to Directive 94/9/EC relating to equipment intended for use in potentially explosive atmospheres and is ATEX (ATmosphere EXplosible) certified.



Marshalsea Hydraulics has been assessed by SGS Société Générale de Surveillance SA and certified as meeting the requirements of ISO 9001:2000 for the design, development, manufacture and servicing of hydraulic pumps, relief valves and intensifiers.

**Drawing giving dimensions**



**Weight:** 1.1kg

Port	Connection
Port 1	Pilot
Port 2	Service
Port 3	Supply
Port 4	Tank

**Port assignments**



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**We reserve the right to alter specifications or withdraw products without notice**