

PRODUCTS - Control valves

PVMY440-1 PNEUMATICALLY ACTUATED PILOT VALVE (With secondary lanyard enclosure)



- Equips pit valves with pneumatic deadman
- Dual closure - deadman or independent lanyard
- Auto closure if air line ruptured
- Available for PV1000/M2, PV2000 and PV1100 pit valves
- Six-inch base flange drilled in accordance with ANSI 300
- Easy Retrofit to existing valves
- Prevents 'hot hydrants'
- Vehicles easily converted - minimal air usage
- Tell-tale reset button indicates lanyard activated

General

The pneumatic valve is available as standard on new PV1000/M2/PV1100 and PV2000 pit valves or as a simple retrofit to existing systems.

For retrofit simply replace existing latch block and lanyard assembly with the pneumatic block, this can easily be carried out in situ.

The system utilises vehicle air reference pressure by installation of a 'T' adaptor in the line. Thus extending the deadman facility to close both pit valve and intake controller. In addition an independent lanyard releases a shuttle valve which isolates the vehicle air supply to the pit valve whilst exhausting the air within the pilot valve. In the event of airline rupture or separation which may occur in the event of a vehicle colliding with the coupler, the valve will automatically close. Similarly, when the coupler is disconnected the pilot valve is automatically closed preventing a valve being left in the OPEN condition.

Specification

STANDARDS:	Exceeds all the requirements of API specification 1584
MATERIALS:	Aluminium alloy, stainless steel, PTFE fluorocarbon
PRESSURE:	Operating air pressure: Min 3.4 bar (50 psi) Max 13.6 bar (200 psi)
TEMPERATURE:	Min 05C Max 1355C

NOTE: Minimum temperature may be lowered by the use of dried or alcohol enriched air. For further information contact Avery Hardoll.

OPENING/CLOSING TIMES

The introduction of this variant has no effect on the operating characteristics of the pit valves.

OPENING TIMES

From 0 to 90% of full flow 5-10 seconds

CLOSING TIMES

2 to 5 seconds, overshoot at 1000 Imp gpm (1200 USgpm) 40 Imp gallons maximum.

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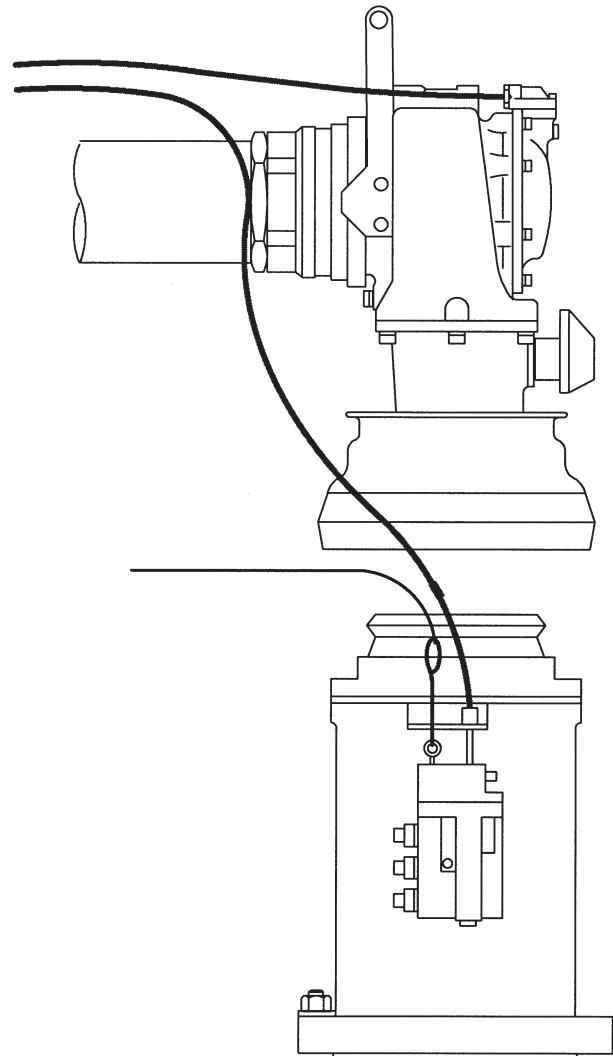
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Ordering information

For new Pit Valve add suffix 'A' to the part number.
For retrofit to PV2000 series valves order Part No. PVMY440-1.



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