

PVMY440 series pneumatically actuated pilot valve (With secondary lanyard enclosure)



01 PVMY440 series pneumatically actuated pilot valve

The pneumatic valve is available as standard on new PVMY1000M3 and PVMY2010M3 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.

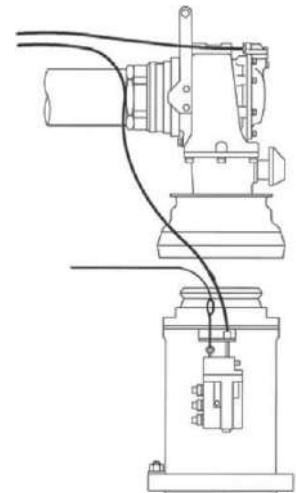
02 Key Features

- Equips pit valves with pneumatic deadman
- Dual closure - deadman or independent lanyard
- Auto closure if air line ruptured
- Available for PVMY1000M3, PVMY2010M3
- Easy Retrofit to existing valves
- Prevents 'hot hydrants'
- Vehicles easily converted - minimal air usage
- Tell-tale reset button indicates lanyard activated

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03 Key Specifications & Dimensions

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| STANDARDS | Exceeds all the requirements of EI specification 1584 |
| MATERIALS | Aluminum alloy, stainless steel, PTFE fluorocarbon |
| PRESSURE | Operating air pressure: Min 3.4 bar (50 psi) Max 13.6 bar (200 psi) |
| TEMPERATURE | Min 05 °C Max 135 °C * NOTE: Minimum temperature may be lowered by the use of dried or alcohol enriched air. For further information contact MEGGITT |
| OPENING/CLOSING TIMES | The introduction of this variant has no effect on the operating characteristics of the pit valves. |
| <ul style="list-style-type: none"> • OPENING TIMES | From 0 to 90% of full flow 5-10 seconds |
| <ul style="list-style-type: none"> • CLOSING TIMES | 2 to 5 seconds, overshoot at 1000 Imp gpm (1200 US gpm) 40 Imp gallons maximum. |



04 Ordering information

For new Pit Valve add suffix "A" to the part number.