

Panel/dash mounted manually operated 4/2 directional control switch for the operation of single and double acting cylinders. These valves have 6mm Push-in Fitting ports and come as standard with a pneumatic or electric reset and control knob indicator.



**The Manual Air Release (AR)** The AR valves require the reset signal to be removed/disengaged from the reset port before the valve may be operated and are ideal for interlocking with hand-brake air systems for additional safety. The valve may also be used as a 4/2 valve when no reset signal is required.



**The Manual Air Applied (AP)** The AP valves require the reset signal to be applied/engaged to the reset port before the valve may be operated. These valves are particularly suited for use in Fuel-tanker discharge systems as Master or Foot-valve controls.



**The Electrical Release (SP)** The SP valves require an electrical signal to the integral solenoid valve before the valve may be operate and are ideal for interlocking with hand-brake electrical circuits for additional safety..

### **Key Features**

- Compact
- Non-corrosive
- Indicator Band
- Push-in Fittings
- Ergonomic Actuator
- Safety Interlock Port
- 1/4" and 6mm Tubing Versions

### **Typical Application**

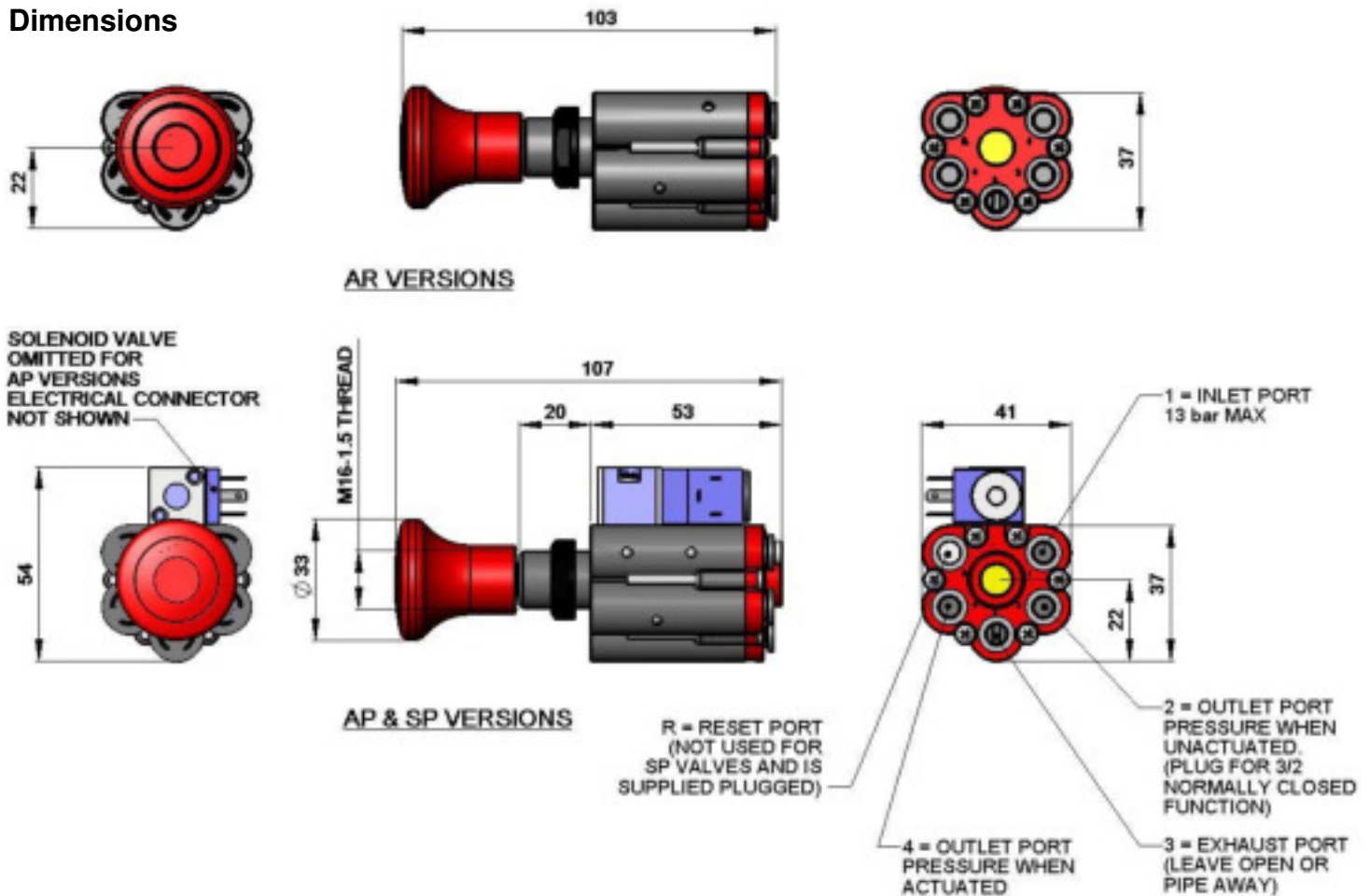
#### **Mobile**

- PTO Actuation (Power Take Off)
- Bottom Loading Tanker Controls
- Construction Equipment
- Lift Gates
- Specialty Truck Equipment
  - Cement Mixers
  - Fire Trucks

#### **Industrial**

- Emergency Shut Down Systems
- Pneumatic Control Panels
- Air Compressor Controls
- Test Panels / Benches
- Agricultural Equipment

## Dimensions



## Model codes

### + Air signal to Port "R" for Safety

#### Interlock

ACV-R25-AR = Red knob, 1/4" ports, air release to operate  
 ACV-R6M-AR = Red knob, 6mm ports, air release to operate

### + Air signal Vented from Port "R" for Safety Interlock

ACV-R25-AP = Red knob, 1/4" ports, air applied to operate  
 ACV-R6M-AP = Red knob, 6mm ports, air applied to operate

### + Solenoid 12VDC and 24VDC w/ Safety Interlock Models

ACV-R25-SP-A = Red knob, 1/4" ports, 12V DC signal to operate  
 ACV-R6M-SP-A = Red knob, 6mm ports, 12V DC signal to operate  
 ACV-R25-SP-B = Red knob, 1/4" ports, 24V DC signal to operate  
 ACV-R6M-SP-B = Red knob, 6mm ports, 24V DC signal to operate

#### Knob Colours Codes

R25 and R6M = Red  
 B25 and B6M = Black  
 G25 and G6M = Green  
 Y25 and Y6M = Yellow  
 A25 and A6M = Blue

## Technical Specification

Media: Air to 188PSI (13 bar)  
 Min. Pressure to Reset Port : 2.4 bar  
 Flow: 0.12 Cv  
 Neck Dia.: 5/8" (16mm)  
 Body: Glass Filled Nylon  
 Spool: Brass  
 Fittings: Push to Connect 1/4" and 6mm  
 Seals: Nitrile  
 Temperature: -4° to 122° F (-20° to 50° C)

## Kit of Parts

Can be made to order according to requirements