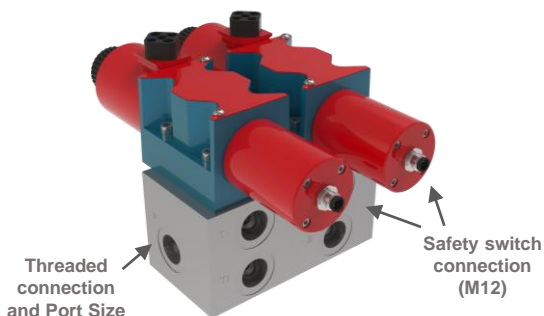
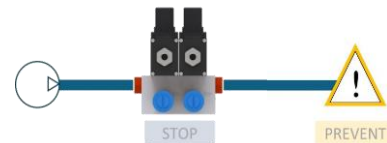


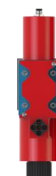
# Hydraulic Monitored Safety Valves – How to create a solution

Fortress Fluidsentry products use patented technology to ensure downstream hydraulic pressure is safely returned to tank through redundant means to protect against single point of failure. This means Category 4 valves have dual return ports with cross linking to redirect if one outlet fails.

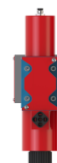
- ✓ **Dual NC** contacts are directly and **positively driven open** by the element in the transition to output state
- ✓ **Fault condition** possible from non-synchronous motion of independent elements
- ✓ **Mechanical Bias** to exhaust downstream fluid power



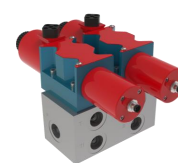
**S**  
Spare Valve



**1**  
Single Valve on Manifold (Cat.2)

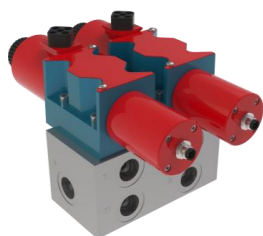
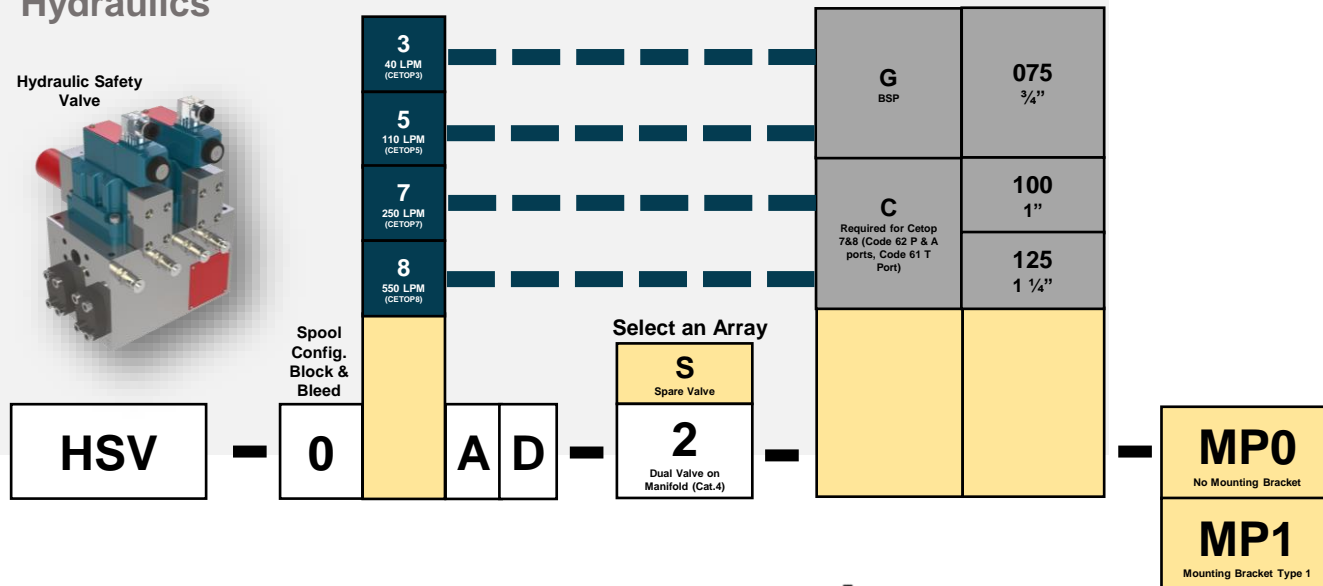
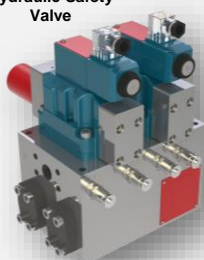


**2**  
Dual Valve on Manifold (Cat.4)



## Hydraulics

Hydraulic Safety Valve



### Standard Cat.4 PLe Solutions

- HSV-03AD-2-G075-MP0
- HSV-05AD-2-G075-MP0
- HSV-07AD-2-C100-MP0
- HSV-08AD-2-C125-MP0



### Standard Spare Valves

- HSV-03AD-S
- HSV-05AD-S
- HSV-07AD-S
- HSV-08AD-S

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