

With the A76 Flowserve offers a perfect solution for an API 682 compliant Plan 76 vent panel. This Piping Plan is applied for leakage collection at zero to very low process emissions by directing fugitive emissions from the seal gland to the flare or vapor recovery. In addition, this system is a safety indicator for the primary seal; it monitors vapor leakage rates from a seal by creating a restriction and measuring the back pressure changes as leakage rates increase. The A76 is a pre-engineered solution in where the parts are 'assemble to order (ATO)', resulting in shorter delivery times. It has been designed with variable options to cover most requirements globally. The Plan 76 may be used alone or with a Plan 72 on containment seals. It is applied with fluids that do not condense at ambient temperature.



Design Specifications and Customer Benefits

- Easy ordering: Pre-engineered design for easy selection and short delivery time
- Fast shipment: Stocked parts for short delivery time – common solutions to be supplied in 6 weeks
- Reliable performance: Compliant with API 682 and ASME B31.3
- Robust construction: Two options with butt weld or socket weld connections, all stainless steel
- High design rating: Up to 1,025 psi (71 bar) @ 400°F (204°C), MDMT -49°F (-45°C)
- Vent connection: Covering most common options with ½ inch NPT and ½ inch Class 600 flanged
- Pressure monitoring: Several options for pressure monitoring and alarm setting
- Easy installation: Optionally a stand can be selected for easy installation and maintenance
- Compliance: Category SEP for PED 2014/68/EU, CRN Canada wide compliant

Configuration Code

		A76	X	X	X	X	X
Standard Plan 76							
Customer Connections							
N	NPT						
F	CL600 Flanged						
Assembly							
B	BW						
S	SW						
Pressure Indicating Options							
O	None						
P	4.5 in Phenolic Housing 30 psi / 2 bar						
S	100 mm Stainless Housing 2 bar						
C	Customer Supplied						
Pressure Instrument Options							
0	None						
1	Switch 5-30 psi / 0.3-2 bar Rise Settable CSA						
2	Switch 5-30 psi / 0.3-2 bar Rise Settable ATEX						
3	E&H 0-1500 psi / 103 bar HART FM CSA						
4	E&H 0-1500 psi / 103 bar HART FM ATEX						
5 ¹⁾	E&H 0-1500 psi / 103 bar FF FM CSA						
6 ¹⁾	E&H 0-1500 psi / 103 bar FF ATEX						
7	Rosemount 0-800 psi / 55 bar HART FM CSA ATEX						
8 ¹⁾	Rosemount 0-800 psi / 55 bar FF FM CSA ATEX						
C	Customer Supplied						
Stand							
N	None						
S	Stand						

¹⁾ Options that are not in stock and for which Foundation Fieldbus pressure transmitters shall be selected. For options 5 and 6, the delivery time can go up to 12 weeks dependent on Endress + Hauser. For option 8, the delivery time can go up to 22 weeks dependent on Emerson Rosemount. All other options can be delivered in 6 weeks as long as the quantity does not exceed two.

Customer supplied option is intended for instrument installation by the customer/end user. It will include all hardware for connecting alternative instruments. The option 'None' will eliminate the connection for the option.