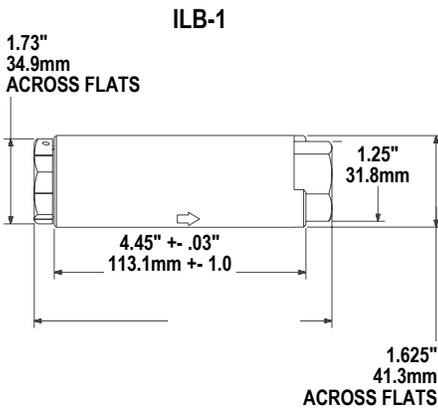


OPW In-Line Breakaway (ILB-1)

OPW has developed an in-line breakaway that can be used in hydrogen applications. This unit will function consistently, independent of the inlet pressure.



Materials

Body: Stainless steel

Internal Components: Stainless steel

Seals: Specially formulated polymers and elastomers specific to high-pressure NGV applications.



Features

- ◆ **Durable, Corrosion-Resistant Construction** - stainless steel and specially plated steel construction provide improved durability and corrosion resistance in harsh environments.
- ◆ **Reconnectable Design** - allows the component to be reused, reducing maintenance costs.
- ◆ **Innovative Valve System** - the sealing system in this breakaway minimizes the amount of vent gas released during a drive-away incident.
- ◆ **High-Flow** - the flow path has been matched to provide ample flow for all NGV-1 Type 1 and Type 2 nozzles.
- ◆ **Reduced Size and Weight** - to allow for more applications where size may be a concern.
- ◆ **Easy Installation** - the in-line breakaway has SAE-6 O-ring fittings for easy installation in line between the dispenser and nozzle.
- ◆ **Individually Inspected, Leak and Breakaway Tested, with Traceable Serial Numbers**
- ◆ **Disconnection Force** - 150 lbs. (668 N).

Specifications:

Min. Flow Rate: 2000 SCFM @ 3000 psid
 Temperature Range: -40° F to 185° F
 (-40° C to 85° C)
 Weight: 2.3 lbs. (1.04 kg)
 Cv: 1.17
 Design Pressure: 7815 psi (538 Bar)

Ordering Specifications

Product No.	Inlet Thread Size	Outlet Thread Size	Max. Allowable Service Pressure	
ILB-1	SAE - 6, 9/16 - 18 UNF (female)	SAE - 6, 9/16 - 18 UNF (female)	6250 psi	430 bar

• Recommended to be used with the CC250, CC300, CC600, CT1000 and Hydrogen Series NGV-1 CNG Nozzles