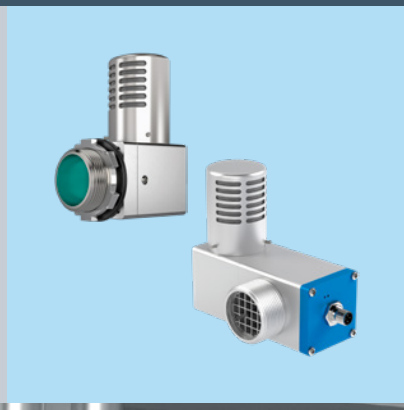
# The Cost-Saving Alternative.

New gasket design reduces pressurization leakage by 80%.

Low-leakage rates make them the perfect solution.





Your automation, our passion.

PEPPERL+FUCHS

Low-leakage vents

# A New Vent for Cost Savings and Greater Sustainability

**Traditional vents can waste air and bottled gas. We fix that.**

In purge and pressurization systems, maintaining enclosure pressure is critical—but at what cost? Conventional vent designs often leak more than necessary, wasting:

- Compressed air from supply lines
- Costly bottled inert gases (nitrogen, argon, etc.)
- Energy consumed to produce or transport that gas

**Low-leakage vents are engineered for:**

- Minimal flow loss during steady-state operation
- Reduced gas release when using nitrogen, lowering the risk of asphyxiation from decreased oxygen levels
- Reliable backpressure control
- Safe operation in accordance with NFPA and IECEx guidelines

**Result**

Up to 80% reduction in gas consumption during steady-state pressurization.

**The low-leakage vents are available for use with the 5500, 6000, 6500, and 7500 purge and pressurization systems.**

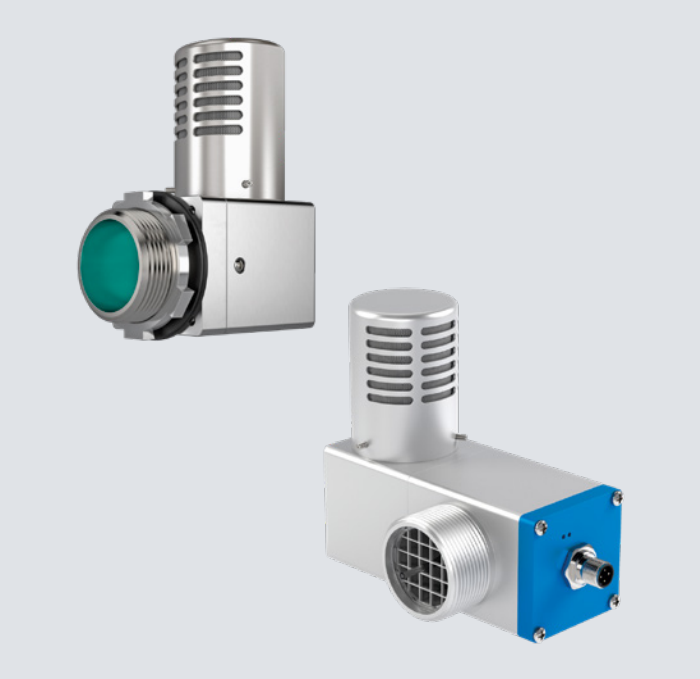
| |
|---|
| EPV-5500-**-03 |
| EPV-6000-**-05 |
| EPV-6000-**-06 |
| EPV-6500-**-05 |
| EPV-7500-**-03 |

**(AA – anodized aluminum or SS – stainless steel version)

**Engineered efficiency for hazardous environments.**

**No redesigns. No headaches. The new low-leakage vents maintain the same footprint.**

Start saving money immediately with a new low-leakage vent.



More information:
www.pepperl-fuchs.com/purge

**Features**

- The new gasket design provides better sealing, resulting in a leakage rate of less than 1 l/min, which helps limit the supply needed to maintain safe pressure
- Reduced leakage rates mean lower consumption and cost savings

