1. DESCRIPTION
The Oxeo pilot line pressure relief devices are used in accordance with project-specific system designs in fixed fire extinguishing systems. The pressure relief devices (part numbers 24498 and 24499) release small amounts of leakage from pneumatic pilot lines and close automatically when subjected to higher pressures. The devices are intended only for releasing small amounts of pressure. Installation of the devices near any sources of potential leakage, for example a pilot gas tank, is recommended.

The manual release version (24499) includes an optional* release device that is used to manually vent pilot lines.

*24499 may be a required assembly component in certain jurisdictions. Refer to the Authority Having Jurisdiction for more information.

2. LISTINGS AND APPROVALS
- cULus Listed - EX5248 (Oxeo PR CF)
- FM Approved: Oxeo PR CF

3. TECHNICAL DATA
Specifications
- Operating medium: Argon (IG-01) and Nitrogen (IG-100)
- Working pressure: 5294 psi (365 bar)
- Temperature range: -4 °F to 122 °F (-20 °C to +50 °C)
- Connection DN4: 6 x 1 pipe
- Device orientation: vertical (see figure 2)

Material Standards
- Housing: brass / steel
- Gasket: NBR
- Ball: Stainless steel

Connection components*: 
- Adapter; female 6 mm drawn tubing (M12 x 1.5) x Female 6 mm drawn tubing (M14 x 1.5)
- Tee fitting; male 6 mm x female 6 mm x male 6 mm
- Tee fitting; male 6 mm x male 6 mm x female 6 mm

*All connection components comprised of zinc-plated steel

4. INSTALLATION
The SFD 300 must be installed into the pilot lines in an upright position. The Oxeo system will be unable to pressurize or release any agent while the manual release device is being held open.
The technical data described herein is for components of the Viking Oxeo PR Fire Extinguishing Systems. Visit the Viking website for the latest edition of the technical data and system manuals.

Figure 1: Dimensions

Connection Pressure Relief SFD300 Assembly
(part no. 24498)

Connection Pressure Relief SFD300 with Manual Selector Valve
(part no. 24499)

Figure 2: Assembled Pilot Line Reliefs

Pilot Pressure Reliefs installed with the push-button can be vented manually

24498 24499