Pilot operated valves that solve instability problems, such as fluttering and chattering, during operation. Cleaning for oxygen service available upon request. Cryogenic functional test available upon request. Low pressure and vacuum conservation vents. Full lift technology available (fully open with only 10% overpressure/pressure accumulation) Weight-loaded or spring-loaded Extremely low leakage rates on breather valves (much lower than ISO 28300 and API 2000 7th Ed.) Low pressure reducing valves

Quick-release bottom outlet valve with pneumatic actuator in-tank valves. Internal safety valves pneumatic and manual driven.

ATEX approved Flame Arresters
End-of-line applications
  Deflagration Flame Arresters
  Endurance burning-proof Flame Arresters
In-line applications
  Deflagration Flame Arresters
  Detonation Flame Arresters

Sold globally, serviced locally (PARC). Fully ATEX, ISO 9001, and ISO 14001 certified international company.
PROTEGO® Valves and Flame Arresters

Pressure/Vacuum Relief Valve:
PROTEGO® PM-HF  
PROTEGO® VD/SV  
Pressure Relief Valve:
PROTEGO® VN-A-PCPF-NV  
PROTEGO® ER/V  
Vacuum Relief Valve:
PROTEGO® V/SV, V/SV-XL, V/SV-XXL  
Blanketing Valve:
ZM-R  
In-Tank Valve:
PROTEGO® NB/AP, ITV-S  
Internal Safety Valve:
PROTEGO® SI/DP  
Detonation Flame Arrester:
PROTEGO® DA-SB  
PROTEGO® DA-SB-T
Contact

PROTEGO® Team Tankequipment
Thorsten Schaper
phone.: +49 (0) 5307 / 809-167
e-mail: protegotankequipment@protego.com