Nitrogen Charging unit SLG 3

**Description**
Customary nitrogen cylinder have a pressure of 200 bar. Hydropneumatic accumulators with a pre-charge pressure >200 bar can no longer be filled out of cylinders. At pre-charge pressures between 100 and 150 bar the nitrogen cylinders are under-utilized.

The OLAER nitrogen charging unit allows a better utilization of the nitrogen cylinders and a charging of the accumulators up to 400 bar.

The SLG 3 will be connected to a nitrogen bottle. The nitrogen is driven as well as being the delivery medium. Additionally compressed air can also be used as the driven medium.

**Composition**
- Nitrogen driven gas booster DLE 30-1-GG
- Pressure regulator
- Safety valve drive air 10 bar
- 3-port valve
- Pressure switch
- Relief valve
- Connecting and filling hoses

**Technical data**
- Min. inlet N2 pressure: 35 bar
- Max. outlet N2 pressure: 300 bar
- Weight: 25 kg
- Flow rate:
  - Inlet pressure >100 bar: Consumption of driven medium = 2.5 x delivery medium
  - Inlet pressure <100 bar: Consumption of driven medium = 4 x delivery medium
- Materials
  - Gaskets: PTFE, FKM / FPM
  - Compressor head: 1.4305
  - High pressure cylinder: 1.4057
  - High pressure piston: 1.4305
  - Fittings: 1.4305
  - Balls: 1.4034
  - Springs: X12CrNi177

**Connections**
- Filling hose 2.5 m to connect nitrogen cylinder W14, W32
- Filling hose 5.0 m to connect OLAER VG U type tester and pressurizer

Manufacturer’s tolerances not taken into account. The right to make modifications reserved.