

# 554-2

## Middle range pressure regulator combination 554 with OPSO and PRV

### TECHNICAL SPECIFICATIONS:

- Single stage regulator combination
- Inlet pressure 1,75-16 bar
- Outlet pressure 0,75 / 1,0 / 1,5 / 2,0 / 2,5 bar or other on request
- Capacity 40-60 kg/h *(dependent on inlet and outlet pressure)*
- OPSO: 1,1 - 3,2 bar
- PRV: 1,4-3,5 bar
- PN 25
- Adjustable (optional)
- Pressure gauge (optional)
- Optional test equipment on request

*For further technical specifications on this regulator please see reverse.*



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## TECHNICAL SPECIFICATIONS:

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#### About this regulator

Regulator combination type MGE 554. The regulator combination type MGE 554 is a regulator of 1st stage for LPG which reduces the non-regulated pressure of the gas cylinder to a fixed outlet pressure. The regulator is equipped with an over-pressure shut-off valve (OPSO) and a safety relief valve (PRV).

#### Mode of operation

The regulator combination reduces the non-regulated pressure from the gas cylinder using 1 stage to nominal pressure. At an inadmissible rise of the outlet pressure of the regulator the activation pressure of the safety device (OPSO) will be reached which will then close by itself and block the gas flow before the regulator. The operating state of the over-pressure shut-off valve (OPSO) can be monitored at the glass.

Bright=open

Red=closed

Should an additional pressure rise occur e.g. through a not complete closing of the over-pressure shut-off valve (OPSO), the relief valve (PRV) will automatically release the gas flow in a limited quantity to the atmosphere after obtaining the fixed activation pressure.

**DVGW Approved:** According to EN 16129 / CE marking according to 2009/142/EC

**Inlet pressure:** 1,75-16 bar

**Inlet connection:** Pol, G1/4, G3/8, G1/2, G3/4 or other on request

**Outlet connection:** G1/4, G3/8, G1/2, G3/4 or other on request

**Capacity:** 40-60 kg/h (Propane)

**Outlet pressure:** 0,75 / 1,0 / 1,5 / 2,0 / 2,5 bar or other on request

**Pressure relief valve (PRV):** 1,4-3,5 bar or other on request

**Over-pressure shut-off (OPSO):** 1,1 - 3,2 bar

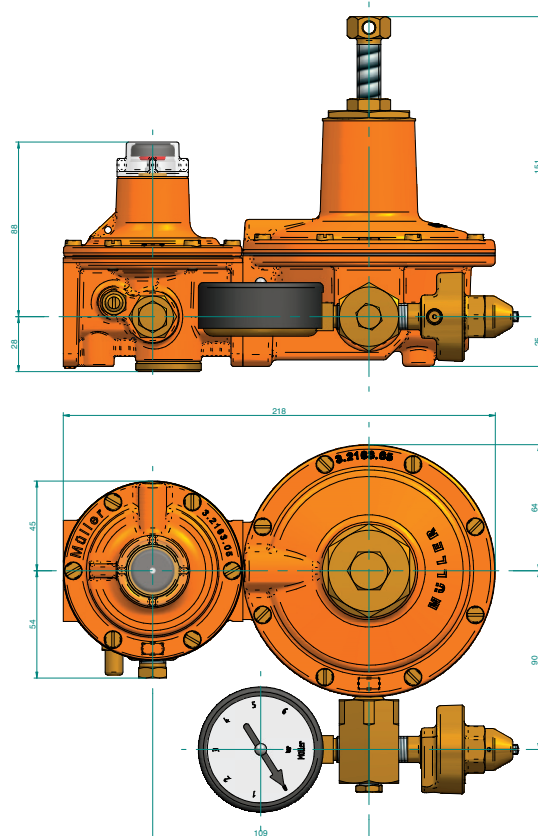
**Regulator weight:** Approx. 2 kg

**Gas:** LPG / LNG / Propane / Butane / Natural gas or other on request

**Working temperatur:** -40°C to +80°C

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