

# ATF 15

**ATF 15** is one of the **direct-operated gas pressure regulators** designed and manufactured by Pietro Fiorentini. This device is suitable for use with previously filtered non-corrosive gases, and it is mainly used for high-pressure transmission systems and for medium pressure natural gas distribution networks. According to the European Standard EN 334, it is classified as **Fail Open**.



Heavy industries



Power generation

Features	Values
Design pressure*	up to 22.0 MPa up to 220 barg
Ambient temperature*	from -20 °C to +60 °C from -4 °F to +140 °F
Inlet gas temperature range*	from -20 °C to +60 °C from -4 °F to +140 °F
Inlet pressure range bpu (MAOP)	from 0.2 to 25 MPa from 2 to 250 barg
Range of downstream pressure Wd	from 0.15 to 6.0 MPa from 1.5 to 60 barg
Available Accessories	none
Minimum differential pressure	0.05 MPa 0.5 barg
Accuracy class AC	up to 5 (depending on working conditions)
Lock-up pressure class SG	up to 10 (depending on working conditions)
Nominal dimensions DN	1/4"
Connections*	pipe connections: 1" NPT outlet connections: Rp 1/4" ISO 7/1

**(\*) REMARK: Different functional features and/or extended temperature ranges available on request. Stated temperature ranges are the maximum for which the equipment's full performance, including accuracy, are fulfilled. Standard product may have a narrower range.**

**Table 1** Features

## Materials and Approvals

Part	Material
Body	Carbon steel ASTM A350 LF2
Seat	Stainless steel
Diaphragm	Rubberized canvas (performed by hot-pressing process)
Sealing ring	Nitrile rubber
Compression fittings	Zinc-plated carbon steel according to DIN 2353; Stainless steel on request

**REMARK: The materials indicated above refer to the standard models. Different materials can be provided according to specific needs.**

**Table 2** Materials

**ATF 15** regulator is designed according to the European standard EN 334. The regulator reacts in opening (Fail Open) according to EN 334. Leakage class: bubble tight, better than VIII according to ANSI/FCI 70-3.



EN 334

## ATF 15 competitive advantages



Compact and simple design



Easy maintenance



Operates with high differential pressure



Anti freezing



Does not require gas pre-heating



Biomethane compatible and available with specific versions for full Hydrogen or blending



Single orifice