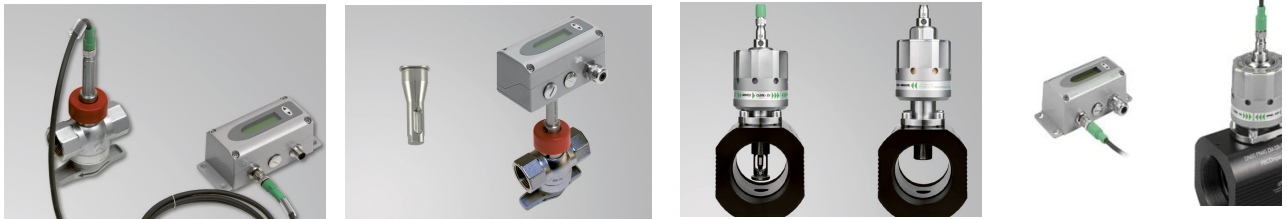


Flow meter for compressed air

1. What are the differences between EE771, EE772, EE776 and EE741?

Many companies are still not aware that compressed air generation accounts for up to 20% of their overall energy costs, and as such represent the most expensive form of energy in a manufacturing plant. Thermal mass flow meters are ideal for monitoring compressed air networks, meter the consumption, detect leakages and save costs.

EE771 and EE772 are thermal mass flow meters for compressed air and gases. Irrespective of pressure and temperature, the flow meters register mass flow, volumetric flow or standard flow. The flow meters can measure the consumption of compressed air, nitrogen, oxygen, CO₂, helium, argon or other non-corrosive gases.



EE772 with gauge mounting block with hot tap valve

EE771 - Inline mass flow meter DN15 - DN50 (Mounting valve with shut-off function)

The measurement valve with shut-off function allows the exact alignment of the sensing head within seconds during instalment and removal, with only interrupting the process flow for a short moment. The measurement valve is suitable for pressures up to 16 bar (232 PSI) and available for pipe diameters DN15 (1/2") to DN50 (2").

EE772 - Inline Mass flow meter DN40 – DN80 (Mounting block with hot tap valve)

The unique assembly concept with one mounting valve permits simple installation and removal of the sensors for regular calibration, and also ensures a high level of measurement accuracy via precise and reproducible positioning of the flow sensor in the pipeline. The MultiController with hot tap valve is used in applications where flow interruption is not permissible. The flowmeter can be removed for calibration or maintenance with no flow interruption. The MultiController assembly is suitable for applications up to 40 bar (PN40) and is available for line sizes of DN40 (1 1/2") to DN80 (3"). The additional option of integrating dew point or pressure sensors saves on installation costs. The MultiController mounting valve makes it easy to set up a comprehensive compressed air monitoring system.

EE776 - Insertion mass flow meter for DN50 - DN700 (2" - 28") and up to 16 bar (232 psi)

EE776 is a thermal mass flow meter dedicated for monitoring compressed air, nitrogen, CO₂ or other non-corrosive and non-flammable gases. It can be employed in pipes from DN50 to DN700 (2" to 28") and at up to 16 bar (232 psi). The EE776 flow meter set new standards in terms of safety and easy assembly.



EE741 - Flow meter for compressed air and gases DN15, DN20 and DN25

The EE741 in-line flow meter can be flexibly adapted for any measuring task. With just a single transmitter and three different gauge mounting blocks, the consumption of compressed air and technical corresponding energy savings in pipe diameters DN15, DN20 and DN25. The construction of the EE741 flow meter is optimised for easy installation and maintenance.

