

# Quartetto

COMPRESSED AIR MANAGEMENT SYSTEM



# QUARTETTO

Compressed air management system



When a production process requires variable amounts of compressed air or it is necessary to avoid any machine downtime, a controller optimises the compressed air system management.

**Quartetto**, obtained through a programmable controller, can control operation of more compressors, **up to max 4 units**, provided these are arranged with a remote start-stop control. It is not essential to drive exclusively Mattei compressors.

**Quartetto** can meet the line air demand and the working load for each compressor in the most efficient way and reducing the energy absorption.



Power supply: 230 V~ ± 15% - 50/60 Hz

Consumption: ~ 25mA

Protection degree: IP30

Insulation class:

Working temperature: -5 ÷ 50°C with 90% non-condensing relative humidity

Storage temperature: -20 ÷ +70°C

Grey box: ABS self-extinguishing (Vo) gray

Connections: screw terminals

Nr. 3 function key + nr. 1 Start / Stop button

Nr. 1 input for pressure transducer 4 ÷ 20 mA, working range 0 ÷ 15 bar

Visualization through back-light graph LCD (128x64 dots)

Nr. 1 time - keeper, accuracy 0,1% with no rechargeable buffer battery: electrical life over 10 years

Nr. 4 relay with contact 8 (2) A- 250V~ for:

Operating compressor 1-2-3

Operating compressor 4 or alarm output with free contacts

Quartetto can be provided with nr. 1 pressure transducer (working range 0÷15 bar or 0÷50 bar), 4÷20 mA 2 wire with stainless membrane AISI 316L

## OPERATING MODE

**Balance hours:** for installation consisting of compressors of the same power where you want to use the machines alternately and obtain even wear;

**Priority:** for installation where the installer / end user decides the priority of the compressor (ie the sequence of action) by assigning them a number;

**Smart:** operating principle to obtain the best performance by optimizing the power consumption (saving) for a plant always reactive to any changes in the pressure.

Master controller with LCD display (2 lines, 16 characters) and LED

230 Vac power supply

4 digital outputs

Probe signal 4 ÷ 20 mA

Up to 4 different compressors (piston, screw vane, scroll,...)

Weekly programming

Display of information in different languages

Sends any reports of system irregularities via SMS, e-mail or fax



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