

# JUMO MIDAS C08

## OEM pressure transmitter



### Features

- long-term stability <math>< 0.1\%</math>
- new quality category for the OEM sector
- faster device installation with the QUICKON fast-connection system
- temperature compensation range extended by 50%
- vibration performance at least 2.5 times better than the industry standard
- made in Germany

### Customer benefits

#### economy

- the QUICKON fast-connection system saves you time and money on installation
- modern production facilities mean short delivery times

#### process safety

- protected against polarity reversal, short-circuit proof
- one hundred percent final inspection
- long-term stability of patented sensor
- circuit with diagnostic function

#### diversity

- a panopoly of measuring ranges
- a wide selection of process and electrical connections

### Technical data

<b>Pressure type</b>	Relative pressure
<b>Measuring ranges</b>	0 – 1.6 bar, to 0 – 60 bar
<b>Measuring system</b>	Ceramic thick-film
<b>Accuracy</b>	-10 to 85°C, <math>< 0.7\%</math> -20 to 100°C, <math>< 1.2\%</math>
<b>Analog output</b>	4 – 20 mA / 0,5 – 4,5 V rational./ 0 – 10 V / 0(1) – 5(6) V
<b>Media</b>	Gases, liquids
<b>Media temperature</b>	-30 to 125°C
<b>Protection</b>	IP 67
<b>Electrical connection</b>	M12 round plug / QUICKON fast-connection system / bayonet
<b>Pressure connection</b>	G1/4, 1/4 – 18 NPT, 7/16 UNF, etc.

### Areas of operation

Compressors, machine and system construction, industrial pneumatics, commercial vehicles, building services

# High-profile products and services

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## Analytical Measurement

- pH/redox: sensors and transmitters/controllers
- Conductivity instrumentation: conductive and inductive
- Dissolved oxygen measurement
- Chlorine, chlorine dioxide, ozone, hydrogen peroxide and peracetic acid instrumentation
- Fittings and accessories



## Controllers, Power units, System/Recording technology

- Process controls and programmers
- Automation software
- Electronic thermostats/microstats
- Safety temperature monitor/limiter
- Digital indicators
- Process controller
- Recording instruments
- Temperature transmitters
- Thyristor power switches/power units
- Software and accessories



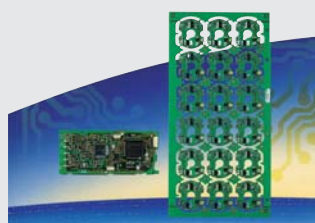
## Thermostats and Dial Thermometers

- Panel and surface mounting thermostats in TR, TW, TB, STW and STB versions
- Room thermostats
- Warm-air thermostats
- Ex thermostats (ATEX)
- Electronic thermostats
- Dial thermometers as indicating and control instruments
- Bimetallic temperature switches
- Electronic temperature indicators with transmitter



## Pressure measurement technology

- Pressure transmitters
- Level probes
- Pressure gauge
- Pressure switch
- Pressure cells
- Chemical seals and accessories



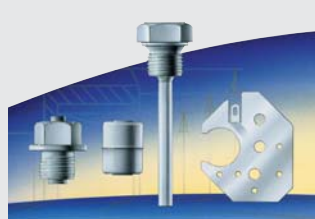
## Electronic modules

- CAD layouting
- Component procurement
- THT and SMD placing
- AOI-testing
- In-circuit testing
- Functional testing
- Run-In
- Final assembly
- Final instrument test



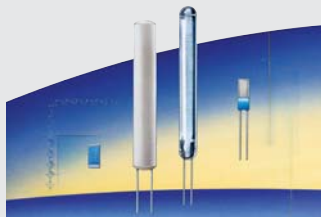
## Transducers for Temperature and Humidity

- Thermocouples
- Resistance thermometers
- Ex temperature probes (ATEX)
- Wireless temperature probe
- Humidity measuring instruments
- DKD (German Calibration Service) laboratory
- Nationally accredited testing station for heat



## Metalworking

- Stamping and forming systems
- Tool manufacture
- Flexible sheet metal working
- Welding, jointing and assembly systems
- Surface engineering
- Machining
- Float
- Materials laboratory



## Platinum temperature sensors

- in wirewound technology:
- Glass
  - Glass with glass extension
  - Ceramic
  - Foil
- in thin-film technology:
- Chip with connecting wires
  - Chip in SMD style on epoxy board
  - Chip with terminal clamps
  - Chip in cylindrical style
  - Chip in SMD style



## Service

- Planning and project design for automation solutions
- German Calibration Service (DKD) for temperature
- Support during commissioning and optimization
- Worldwide service network
- Technical support line
- Seminars and workshops
- Fieldbus center
- Technical literature
- JUMO home page: [www.jumo.net](http://www.jumo.net)



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