

**Selection and ordering data**
**OXYMAT 6 gas analyzer**

19" rack unit for installation in cabinets

Gas connections

Pipe with 6 mm outer diameter

Pipe with 1/4" outer diameter

Smallest possible span O<sub>2</sub>

0.5% reference gas pressure 3 000 hPa

0.5% reference gas pressure 100 hPa (external pump)

2% reference gas pressure 3 000 hPa

2% reference gas pressure 100 hPa (external pump)

5% reference gas pressure 3 000 hPa

5% reference gas pressure 100 hPa (external pump)

Sample chamber

Non-flow-type compensation branch

- Made of stainless steel, mat. no. 1.4571

- Made of tantalum

Flow-type compensation branch

- Made of stainless steel, mat. no. 1.4571

- Made of tantalum

Internal gas paths

Hose made of FKM (Viton)

Pipe made of titanium

Pipe made of stainless steel, mat. no. 1.4571

Power supply

100 ... 120 V AC, 48 ... 63 Hz

200 ... 240 V AC, 48 ... 63 Hz

Monitoring (reference gas, sample gas)

Without

Reference gas only

Reference gas and sample gas (with flow indicator and pressure switch for sample gas)

Sample gas only

Add-on electronics

Without

AUTOCAL function

- With 8 additional binary inputs/outputs

- With serial interface for the automotive industry (AK)

- With 8 additional binary inputs/outputs and PROFIBUS PA interface

- With 8 additional binary inputs/outputs and PROFIBUS DP interface

Language

German

English

French

Spanish

Italian

Additional versions

Add "-Z" to Order No. and specify order codes.

Telescopic rails (2 units)

Kalrez gaskets in sample gas path

TAG labels (specific inscription based on customer information)

FM/CSA certificate – Class I Div 2

ATEX II G certificate; safety-related measurements in non-hazardous gas zone

 Clean for O<sub>2</sub> service (specially cleaned gas path)

Measuring range data in plain text, if different from the standard setting

**Order No.**
**7MB2021-**
**0 -**

Cannot be combined

0

1

A

B

C

D

E

F

A

B

C

D

0

1

2

0

1

A

B

C

D

A

B

D

E

F

F

0

1

2

3

4

A → E30

B → E30, Y02

D → E30, Y02

F → E30, Y02

A → E30

C → E30

D → E30

D → E20

→ E30

→ E20

**Order code**

Cannot be combined

**A31**
**B01**
**B03**
**E20**
**E30**
**Y02**
**Y11**

## Selection and ordering data

### Retrofitting sets

RS 485/Ethernet converter  
RS 485/RS 232 converter  
RS 485/USB converter  
AUTOCAL function with serial interface for the automotive industry (AK)  
AUTOCAL function with 8 binary inputs/outputs  
AUTOCAL function with 8 binary inputs/outputs and PROFIBUS PA  
AUTOCAL function with 8 binary inputs/outputs and PROFIBUS DP

### Order No.

**A5E00852383**  
**C79451-Z1589-U1**  
**A5E00852382**  
**C79451-A3480-D512**  
**C79451-A3480-D511**  
**A5E00057307**  
**A5E00057312**