

**Selection and ordering data**
**Order No.**
**OXYMAT 6 gas analyzer**

19" rack unit for installation in cabinets

D) 7MB2021-0 -

Cannot be combined

**Gas connections**

Pipe with 6 mm outer diameter

Pipe with 1/4" outer diameter

 0  
1

**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)

 A  
B  
C  
D  
E  
F

A	→	E30
B	→	E30, Y02
D	→	E30, Y02
F	→	E30, Y02

**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

 A  
B  
C  
D

 B  
D  
F

**Internal gas paths**

Hose made of FKM (Viton)

Pipe made of titanium

Pipe made of stainless steel, mat. no. 1.4571

 0  
1  
2

1	→	Y02
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**Power supply**

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

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

 0  
1

**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

 A  
B  
C  
D

A	→	E30
B	→	E30
C	→	E30
D	→	E30

**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

 A  
B  
D  
E  
F

D	→	E20
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**Language**

German

English

French

Spanish

Italian

 0  
1  
2  
3  
4

**Additional versions**
**Order code**

Cannot be combined

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 indication in plain text, if different from the standard setting

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

→	E30
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→	E20
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D) Subject to export regulations AL: 91999, ECCN: N

## 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

D) Subject to export regulations AL: 91999, ECCN: N

### Order No.

**A5E00852383**

**C79451-Z1589-U1**

D) **A5E00852382**

**C79451-A3480-D512**

**C79451-A3480-D511**

**A5E00057307**

**A5E00057312**