

| Selection and ordering data                                                                         |                                         | Order No. |        |  |   |   |    |   |   |                    |  |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------|-----------|--------|--|---|---|----|---|---|--------------------|--|
| <b>CALOMAT 6 gas analyzer</b><br>19" rack unit for installation in cabinets                         |                                         | 7MB2521-  |        |  | 0 | - | A  |   |   | Cannot be combined |  |
| <u>Connections for sample gas</u><br>Pipe with 6 mm outer diameter<br>Pipe with 1/4" outer diameter |                                         |           | 0<br>1 |  |   |   |    |   |   |                    |  |
| <u>Measured component</u>                                                                           | <u>Smallest/largest measuring range</u> |           |        |  |   |   |    |   |   |                    |  |
| H <sub>2</sub> in N <sub>2</sub>                                                                    | 0 ... 1/100 %                           |           |        |  |   |   | AA |   |   |                    |  |
| H <sub>2</sub> in N <sub>2</sub> (blast furnace gas measurement) <sup>1)</sup>                      | 0 ... 5/100 %                           |           |        |  |   |   | AW |   |   |                    |  |
| H <sub>2</sub> in N <sub>2</sub> (converter measurement) <sup>1)</sup>                              | 0 ... 5/100 %                           |           |        |  |   |   | AX |   |   |                    |  |
| H <sub>2</sub> in N <sub>2</sub> (wood gasification) <sup>1)</sup>                                  | 0 ... 5/100 %                           |           |        |  |   |   | AY |   |   |                    |  |
| H <sub>2</sub> in Ar                                                                                | 0 ... 1/100 %                           |           |        |  |   |   | AB |   |   |                    |  |
| H <sub>2</sub> in NH <sub>3</sub>                                                                   | 0 ... 1/100 %                           |           |        |  |   |   | AC |   |   |                    |  |
| He in N <sub>2</sub>                                                                                | 0 ... 2/100 %                           |           |        |  |   |   | BA |   |   |                    |  |
| He in Ar                                                                                            | 0 ... 2/100 %                           |           |        |  |   |   | BB |   |   |                    |  |
| He in H <sub>2</sub>                                                                                | 0 ... 10/80 %                           |           |        |  |   |   | BC |   |   |                    |  |
| Ar in N <sub>2</sub>                                                                                | 0 ... 10/100 %                          |           |        |  |   |   | CA |   |   |                    |  |
| Ar in O <sub>2</sub>                                                                                | 0 ... 10/100 %                          |           |        |  |   |   | CB |   |   |                    |  |
| CO <sub>2</sub> in N <sub>2</sub>                                                                   | 0 ... 20/100 %                          |           |        |  |   |   | DA |   |   |                    |  |
| CH <sub>4</sub> in Ar                                                                               | 0 ... 15/100 %                          |           |        |  |   |   | EA |   |   |                    |  |
| NH <sub>3</sub> in N <sub>2</sub>                                                                   | 0 ... 10/30 %                           |           |        |  |   |   | FA |   |   |                    |  |
| H <sub>2</sub> monitoring (turbo generators)                                                        |                                         |           |        |  |   |   | GA |   |   | GA                 |  |
| • CO <sub>2</sub> in air                                                                            | 0 ... 100 %                             |           |        |  |   |   |    |   |   |                    |  |
| • H <sub>2</sub> in CO <sub>2</sub>                                                                 | 0 ... 100 %                             |           |        |  |   |   |    |   |   |                    |  |
| • H <sub>2</sub> in air                                                                             | 80 ... 100 %                            |           |        |  |   |   |    |   |   |                    |  |
| <u>Add-on electronics</u>                                                                           |                                         |           |        |  |   |   |    |   |   |                    |  |
| Without                                                                                             |                                         |           |        |  |   |   |    | 0 |   |                    |  |
| AUTOCAL function                                                                                    |                                         |           |        |  |   |   |    |   |   |                    |  |
| • With 8 additional digital inputs and outputs                                                      |                                         |           |        |  |   |   |    | 1 |   |                    |  |
| • With 8 additional digital inputs/outputs and PROFIBUS PA interface                                |                                         |           |        |  |   |   |    | 6 |   | 6                  |  |
| • With 8 additional digital inputs/outputs and PROFIBUS DP interface                                |                                         |           |        |  |   |   |    | 7 |   | 7                  |  |
| <u>Power supply</u>                                                                                 |                                         |           |        |  |   |   |    |   |   |                    |  |
| 100 ... 120 V AC, 47 ... 63 Hz                                                                      |                                         |           |        |  |   |   |    | 0 |   |                    |  |
| 200 ... 240 V AC, 47 ... 63 Hz                                                                      |                                         |           |        |  |   |   |    | 1 |   |                    |  |
| <u>Explosion protection</u>                                                                         |                                         |           |        |  |   |   |    |   |   |                    |  |
| Without                                                                                             |                                         |           |        |  |   |   |    |   | A |                    |  |
| Certificate: ATEX II 3G, flammable and non-flammable gases                                          |                                         |           |        |  |   |   |    |   | B |                    |  |
| FM/CSA certificate – Class I Div 2                                                                  |                                         |           |        |  |   |   |    |   | D |                    |  |
| <u>Language (supplied documentation, software)</u>                                                  |                                         |           |        |  |   |   |    |   |   |                    |  |
| German                                                                                              |                                         |           |        |  |   |   |    |   | 0 |                    |  |
| English                                                                                             |                                         |           |        |  |   |   |    |   | 1 |                    |  |
| French                                                                                              |                                         |           |        |  |   |   |    |   | 2 |                    |  |
| Spanish                                                                                             |                                         |           |        |  |   |   |    |   | 3 |                    |  |
| Italian                                                                                             |                                         |           |        |  |   |   |    |   | 4 |                    |  |

<sup>1)</sup> Ready to enter external correction of cross-interferences for CO, CO<sub>2</sub> and CH<sub>4</sub> (CH<sub>4</sub> only for blast furnace gas and wood gasification).

Selection and ordering data

| Additional versions                                                              |                   | Order code |
|----------------------------------------------------------------------------------|-------------------|------------|
| Add "-Z" to Order No. and specify order codes.                                   |                   |            |
| Telescopic rails (2 units)                                                       | A31               |            |
| Set of Torx screwdrivers                                                         | A32               |            |
| TAG labels (specific lettering based on customer information)                    | B03               |            |
| Clean for O <sub>2</sub> service (specially cleaned gas path)                    | Y02               |            |
| Measuring range indication in plain text, if different from the standard setting | Y11               |            |
| Retrofitting sets                                                                |                   | Order No.  |
| RS 485/Ethernet converter                                                        | A5E00852383       |            |
| RS 485/RS 232 converter                                                          | C79451-Z1589-U1   |            |
| RS 485 / USB converter                                                           | A5E00852382       |            |
| AUTOCAL function with 8 digital inputs/outputs                                   | C79451-A3480-D511 |            |
| AUTOCAL function with 8 digital inputs/outputs and PROFIBUS PA                   | A5E00057307       |            |
| AUTOCAL function with 8 digital inputs/outputs and PROFIBUS DP                   | A5E00057312       |            |