

| Selection and ordering data  |                                |   | Order No. |  |  |  |  |  |  |  |    |  |                    |   |
|--|--------------------------------|---|-----------|--|--|--|--|--|--|--|----|--|--------------------|---|
| CALOMAT 62 gas analyzer  |                                |   | 7MB2531-  |  |  |  |  |  |  |  |    |  | Cannot be combined |   |
| For field installation   |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| <u>Material of sample gas path</u>   |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| Stainless steel, mat. no. 1.4571; non-flow-type reference chamber, 1/8"-27 NPT |                                | Purging gas stub 10 mm                              | 0         |  |  |  |  |  |  |  |    |  | 0                  |   |
| Hastelloy C22; non-flow-type reference chamber, 1/8"-27 NPT                    |                                |   | 2         |  |  |  |  |  |  |  |    |  |                    |   |
| Hastelloy C22; flow-type reference chamber, 1/8"-27 NPT                        |                                |   | 3         |  |  |  |  |  |  |  |    |  | 3                  | 4 |
| Stainless steel, mat. no. 1.4571; non-flow-type reference chamber, 1/8"-27 NPT |                                | Purging gas stub <sup>3</sup> / <sub>8</sub> "      | 4         |  |  |  |  |  |  |  |    |  |                    | 4 |
| Hastelloy C22; non-flow-type reference chamber, 1/8"-27 NPT                    |                                |   | 6         |  |  |  |  |  |  |  |    |  |                    |   |
| Hastelloy C22; flow-type reference chamber, 1/8"-27 NPT                        |                                |   | 7         |  |  |  |  |  |  |  |    |  | 7                  |   |
| <u>Application</u>   |                                | <u>Possible with measuring range identification</u> |           |  |  |  |  |  |  |  |    |  |                    |   |
| H <sub>2</sub> in N <sub>2</sub>   |                                | 0; 5  | AN        |  |  |  |  |  |  |  | AN |  |                    |   |
| H <sub>2</sub> in Cl <sub>2</sub>  |                                | 0; 5  | AB        |  |  |  |  |  |  |  |    |  | AB                 |   |
| H <sub>2</sub> in HCl  |                                | 0; 5  | AC        |  |  |  |  |  |  |  |    |  | AC                 |   |
| Cl <sub>2</sub> in air   |                                | 1; 6  | BL        |  |  |  |  |  |  |  |    |  | BL                 |   |
| Cl <sub>2</sub> in HCl   |                                | 3; 7  | BC        |  |  |  |  |  |  |  |    |  | BC                 |   |
| HCl in air   |                                | 1; 6  | CL        |  |  |  |  |  |  |  |    |  | CL                 |   |
| NH <sub>3</sub> in N <sub>2</sub>  |                                | 4; 8  | DN        |  |  |  |  |  |  |  | DN |  |                    |   |
| SO <sub>2</sub> in air   |                                | 1; 6  | EL        |  |  |  |  |  |  |  | EL |  |                    |   |
| CO <sub>2</sub> in H <sub>2</sub>  |                                | 0; 5  | KA        |  |  |  |  |  |  |  | KA |  |                    |   |
| CO <sub>2</sub> in N <sub>2</sub>  |                                | 1; 6  | KN        |  |  |  |  |  |  |  | KN |  |                    |   |
| <u>Smallest measuring range</u>  | <u>Largest measuring range</u> | <u>Reference gas or filling gas</u>                 |           |  |  |  |  |  |  |  |    |  |                    |   |
| 0 ... 1 %  | 0 ... 100 %                    | Accompanying gas component                          | 0         |  |  |  |  |  |  |  |    |  |                    |   |
| 0 ... 5 %  | 0 ... 100 %                    |   | 1         |  |  |  |  |  |  |  |    |  |                    |   |
| 0 ... 5 %  | 0 ... 60 %                     |   | 2         |  |  |  |  |  |  |  |    |  |                    |   |
| 0 ... 10 %   | 0 ... 100 %                    |   | 3         |  |  |  |  |  |  |  |    |  |                    |   |
| 0 ... 20 %   | 0 ... 40 %                     |   | 4         |  |  |  |  |  |  |  |    |  |                    |   |
| 100 ... 99 %   | 100 ... 0 %                    | Sample gas component                                | 5         |  |  |  |  |  |  |  |    |  |                    |   |
| 100 ... 95 %   | 100 ... 0 %                    |   | 6         |  |  |  |  |  |  |  |    |  |                    |   |
| 100 ... 90 %   | 100 ... 0 %                    |   | 7         |  |  |  |  |  |  |  |    |  |                    |   |
| 100 ... 80 %   | 100 ... 60 %                   |   | 8         |  |  |  |  |  |  |  |    |  |                    |   |
| <u>Add-on electronics</u>  |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| Without  |                                |   | 0         |  |  |  |  |  |  |  |    |  |                    |   |
| AUTOCAL function   |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| • With 8 additional digital inputs and outputs                                 |                                |   | 1         |  |  |  |  |  |  |  |    |  |                    |   |
| • With 8 additional 8 digital inputs/outputs and PROFIBUS PA interface         |                                |   | 6         |  |  |  |  |  |  |  |    |  |                    |   |
| • With 8 additional digital inputs/outputs and PROFIBUS DP interface           |                                |   | 7         |  |  |  |  |  |  |  |    |  |                    |   |
| <u>Power supply</u>  |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| 100 ... 120 V AC, 47 ... 63 Hz   |                                |   | 0         |  |  |  |  |  |  |  |    |  |                    |   |
| 200 ... 240 V AC, 47 ... 63 Hz   |                                |   | 1         |  |  |  |  |  |  |  |    |  |                    |   |
| <u>Heating of internal gas paths and analyzer unit</u>                         |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| Without  |                                |   | A         |  |  |  |  |  |  |  |    |  |                    |   |
| With (max. 80 °C)  |                                |   | B         |  |  |  |  |  |  |  |    |  |                    |   |
| <u>Explosion protection</u>  |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| Without  |                                |   | A         |  |  |  |  |  |  |  |    |  |                    |   |
| According to ATEX II 2G, leakage compensation <sup>1)</sup>                    |                                |   | E         |  |  |  |  |  |  |  |    |  |                    |   |
| According to ATEX II 2G, continuous purging <sup>1)</sup>                      |                                |   | F         |  |  |  |  |  |  |  |    |  |                    |   |
| <u>Language (supplied documentation, software)</u>                             |                                |   |           |  |  |  |  |  |  |  |    |  |                    |   |
| German   |                                |   | 0         |  |  |  |  |  |  |  |    |  |                    |   |
| English  |                                |   | 1         |  |  |  |  |  |  |  |    |  |                    |   |
| French   |                                |   | 2         |  |  |  |  |  |  |  |    |  |                    |   |
| Spanish  |                                |   | 3         |  |  |  |  |  |  |  |    |  |                    |   |
| Italian  |                                |   | 4         |  |  |  |  |  |  |  |    |  |                    |   |

<sup>1)</sup> Only in connection with an approved purging unit.

Selection and ordering data

| Additional versions   |  | Order code      |
|---|--|-----------------|
| Add "-Z" to Order No. and specify order codes.  |  |                 |
| 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             |
| Special setting (only in conjunction with an application no., e.g. extended measuring range)                      |  | Y12             |
| Extended special setting (only in conjunction with an application no., e.g. determination of cross-interferences) |  | Y13             |
| 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  |  | A5E00064223     |
| AUTOCAL function with 8 digital inputs/outputs and PROFIBUS PA  |  | A5E00057315     |
| AUTOCAL function with 8 digital inputs/outputs and PROFIBUS DP  |  | A5E00057318     |