

## GMM221 and GMM222 CO<sub>2</sub> Modules

|     |                              |  |                  | 1   | 2     | 3    | 4    | 5   | 6  | 7         | 8 | 9 | 10 | 11 | 12  |       |
|-----|------------------------------|--|------------------|-----|-------|------|------|-----|----|-----------|---|---|----|----|-----|-------|
| Va  | isala CARBOCAP® Co           | O <sub>2</sub> Module                  | GM M 22          |     |       |      |      |     | Α  |           |   |   |    |    |     | PRICE |
| 1,2 | Measurement range            | 02 %CO <sub>2</sub>                    |                  | 1   | Н     |      |      |     |    |           |   |   |    |    |     |       |
|     | (GMM221)                     | 03 %CO <sub>2</sub>                    |                  | 1   | J     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 05 %CO <sub>2</sub>                    |                  | 1   | K     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 010 %CO <sub>2</sub>                   |                  | 1   | L     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 020 %CO <sub>2</sub>                   |                  | 1   | M     |      |      |     |    |           |   |   |    |    |     |       |
|     | (GMM222)                     | 02000 ppmCO2 adj.                      | at 1000 ppm (*   | 2   | В     |      |      |     |    |           |   |   |    |    |     |       |
|     | ,                            | 02000 ppmCO <sub>2</sub>               |                  | 2   | С     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 03000 ppmCO <sub>2</sub>               |                  | 2   | D     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 05000 ppmCO <sub>2</sub>               |                  | 2   | Е     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 07000 ppmCO <sub>2</sub>               |                  | 2   | F     |      |      |     |    |           |   |   |    |    |     |       |
|     |                              | 010000 ppmCO <sub>2</sub>              |                  |     | G     |      |      |     |    |           |   |   |    |    |     |       |
| 3   | Temperature                  | standard setting (25 °C                | C)               |     |       | 0    |      |     |    |           |   |   |    |    |     |       |
| ì   | compensation                 | special setting (37 °C)                | ,                |     |       | 1    |      |     |    |           |   |   |    |    |     |       |
| 4   | Probe installation           | none                                   |                  |     |       |      | N    |     |    |           |   |   |    |    |     |       |
|     | accessories                  | mounting clips, 2 pcs                  |                  |     |       |      | Α    |     |    |           |   |   |    |    |     |       |
|     |                              | mounting flange                        |                  |     |       |      | В    |     |    |           |   |   |    |    |     |       |
| 5   | Field check                  | none                                   |                  |     |       |      |      | 0   |    |           |   |   |    |    |     |       |
|     | adapter                      | adapter                                |                  |     |       |      |      | 1   |    |           |   |   |    |    |     |       |
| 6   | Component board              | standard                               |                  |     |       |      |      |     | Α  |           |   |   |    |    |     |       |
| 7   | Voltage output               | 01V                                    |                  |     |       |      |      |     |    | 1         |   |   |    |    |     |       |
|     | 0 1                          | 02 V                                   |                  |     |       |      |      |     |    | 2         |   |   |    |    |     |       |
|     |                              | 02.5 V                                 |                  |     |       |      |      |     |    | 3         |   |   |    |    |     |       |
|     |                              | 05 V                                   |                  |     |       |      |      |     |    | 4         |   |   |    |    |     |       |
| 8   | Current output               | 420 mA                                 |                  |     |       |      |      |     |    |           | Α |   |    |    |     |       |
|     |                              | 020 mA                                 |                  |     |       |      |      |     |    |           | В |   |    |    |     |       |
| 9   | Component board              | no connectors                          |                  |     |       |      |      |     |    |           |   | 0 |    |    |     |       |
|     | connectors                   | pin connectors unders                  | side             |     |       |      |      |     |    |           |   | 1 |    |    |     |       |
|     |                              | screw terminals, pin co                | onnectors for se | ria | ıl co | m    |      |     |    |           |   | 2 |    |    |     |       |
| 10  | Probe cable                  | no cable                               |                  |     |       |      |      |     |    |           |   |   | 0  |    |     |       |
|     |                              | 0.6 m cable with plug co               | onnector         |     |       |      |      |     |    |           |   |   | Α  |    |     |       |
|     |                              | 0.6 m cable with 90 ° plu              | g connector      |     |       |      |      |     |    |           |   |   | В  |    |     |       |
|     |                              | 2 m cable with plug con                | nector           |     |       |      |      |     |    |           |   |   | C  |    |     |       |
|     |                              | 6 m cable with plug con                |                  |     |       |      |      |     |    |           |   |   | Ε  |    |     |       |
|     |                              | 10 m cable with plug col               |                  |     |       |      |      |     |    |           |   |   | G  |    |     |       |
|     |                              | 1 m high temperature (1                |                  | pl  | ua d  | coni | пес  | tor |    |           |   |   | Н  |    |     |       |
| 11  | Probe cable                  | not connected (to be soldered by user) |                  |     |       |      |      |     |    | 0         |   |   |    |    |     |       |
|     | connection to                | cable soldered to com                  |                  | ,   |       |      |      |     |    |           |   |   |    | 1  |     |       |
|     | component board              | not connected (probe                   |                  | rev | v te  | rm   | inal | bv  | นร | er)       |   |   |    | 2  |     |       |
| 12  | <del></del>                  | No manual                              |                  |     |       |      |      | ~,  |    | <u>.,</u> |   |   |    | _  | Α   |       |
| -   |                              | English                                |                  |     |       |      |      |     |    |           |   |   |    |    | В   |       |
|     |                              | German                                 |                  |     |       |      |      |     |    |           |   |   |    |    | C   |       |
|     |                              |  |                  |     |       |      |      |     |    |           |   |   | 7  | ОТ |     |       |
| ام  | actions in hold are include  | ed in the prices of the basic vers     | eione            |     |       |      |      |     |    |           |   |   |    | _  | TY  |       |
| Jei | ections in bold are illelade | a in the prices of the basic vers      | 310113.          |     |       |      |      |     |    |           |   |   |    |    | 1 1 |       |

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|----|---------|------------|---------------|
| (  | special | accuracy   | specification |

Examples of order codes with typical settings:

End customer:

TOTAL VALUE

spare parts

GMP221, GMP222 Spare probes 25378GMSP Spare filter for Gi

25378GMSP Spare filter for GMP221 25879GMSP Spare filter for GMP222

25245GM Clips (2 pcs) for attaching the probe
GM45168SP Protective sleeve for GMP221
GM45237SP Protective sleeve for GMP222
26150GM Field check adapter
GM45156SP Mounting flange for the probe

19040GM Serial com adapter

GMM220AZ60SP 0.6 m cable with 90 ° female plug connector GMP343Z200SP 2m cable with female plug connector GMP343Z600SP 6m cable with female plug connector GMP343Z1000SP 10m cable with female plug connector

GMM220Z100SP 1m high temperature (180  $^{\circ}$ C) cable with female plug connector