

**Error motor P0207**

| Error no.  | Meaning   | Reaction   | Troubleshooting  |
|------------|---|------------|--|
| 96         | Short-circuit temperature sensor (Tm <= -30 °C)         | adjustable | Remove the short-circuit in the temperature sensor                                       |
| 97         | Temperature sensor - motor not connected (Tm > +300 °C) | adjustable | Remove open circuit in the temperature sensor circuit                                    |
| 98         | Motor overtemperature                                   | IS         | Remove motor over temperature by cooling down and/or reducing the load                   |
| 99         | Error I <sup>2</sup> t > 100%                           | IS         | Leave drive in inhibited status until I <sup>2</sup> t-actual value decreases under 100% |
| 100        | Power unit maximal current > motor maximal current      | adjustable | Set power unit maximal current P1241 lower than motor maximal current P0069              |
| 101        | reserved<br>Not assigned = 0                            |            |  |
| 102        | Collective error finding notch position                 | IS         | see <a href="#">►Error finding notch position P0237◄</a> on page 133 (= 3. level)        |
| 103 to 111 | reserved<br>Not assigned = 0                            |            |  |

**Error Encoder1 P0208**

| Error no.  | Meaning  | Reaction   | Troubleshooting   |
|------------|--|------------|---|
| 112        | Communication error (HIPERFACE <sup>®</sup> -Specification)        | IS         | see encoder 1 (HIPERFACE <sup>®</sup> P0234 (= 3rd level)   |
| 113        | reserved   |            |   |
| 114        | Error at overwriting of encoder position information               | IS         | Execute the command again. If the error occurs again, contact Baumüller Nürnberg GmbH.                |
| 115        | Cable break encoder 1  | IS         | Remove the cable break in the encoder cable of encoder 1 or check the assignment of the encoder cable |
| 116        | Overspeed encoder 1  | IS         | Check the allowable rotational speed for encoder 1  |
| 117        | Amplitude limit exceeded   | IS         | Use another encoder   |
| 118        | Encoder type unknown   | IS         | Check if the correct encoder is connected or use another encoder                                      |
| 119        | Invalid data field for motor data                                  | IS         | Use another encoder   |
| 120        | Incorrect motor data   | IS         | Use another encoder   |
| 121        | Saving error of motor data   | IS         | Use another encoder   |
| 122        | Motor data write-protected. (is not valid for BM motors)           | IS         | Use another encoder   |
| 123        | Field angle error  | IS         | Check the shielding of the encoder cable  |
| 124        | Encoder without temperature measuring                              | adjustable | Use an encoder module with temperature measuring  |
| 125        | Memory capacity in the encoder for electronic type plate too small | adjustable | Use another encoder with a greater memory   |
| 126 to 127 | reserved<br>not assigned = 0                                       |            |   |

**Error encoder 2 P0209**

| Error no.  | Meaning  | Reaction   | Troubleshooting   |
|------------|--|------------|---|
| 128        | Communication error (HIPERFACE <sup>®</sup> -Specification)        | IS         | see encoder 2 (HIPERFACE <sup>®</sup> ) P0235 (= 3rd level)   |
| 129        | reserved   |            |   |
| 130        | Error at overwriting of Encoder position information               | IS         | Execute the command again. If the error occurs again, contact Baumüller Nürnberg GmbH.                |
| 131        | Cable break encoder 2  | IS         | Remove the cable break in the encoder cable of encoder 1 or check the assignment of the encoder cable |
| 132        | Overspeed encoder 2  | IS         | Check the allowable rotational speed for encoder 2  |
| 133        | Amplitude limit exceeded   | IS         | Use another encoder   |
| 134        | Encoder type unknown   | IS         | Check if the correct encoder is connected or use another encoder                                      |
| 135        | Invalid data field for motor data                                  | IS         | Use another encoder   |
| 136        | Incorrect motor data   | IS         | Use another encoder   |
| 137        | Saving error of motor data   | IS         | Use another encoder   |
| 138        | Motor data write-protected. (is not valid for BM motors)           | IS         | Use another encoder   |
| 139        | Field angle error  | IS         | Check the shielding of the encoder cable  |
| 140        | Encoder without temperature measuring                              | adjustable | Use an encoder module with temperature measuring  |
| 141        | Memory capacity in the encoder for electronic type plate too small | adjustable | Use another encoder with a greater memory   |
| 142 to 143 | reserved<br>not assigned = 0                                       |            |   |

**Error encoder manager P0210**

| Error no. | Meaning  | Reaction | Troubleshooting   |
|-----------|--|----------|---|
| 144       | Absolute position of encoder 1 unknown   | IS       | Use another encoder   |
| 145       | Absolute position of encoder 2 unknown   | IS       | Use another encoder   |
| 146       | Encoder module 1 is missing  | IS       | Check, if the right encoder is connected to module position A |
| 147       | Encoder module 2 is missing  | IS       | Check, if the right encoder is connected to module position B |
| 148       | Encoder module for measured value storage is missing                           | IS       | Install the encoder module                                    |
| 149       | At resolver no measured value storage possible                                 | IS       | Use a SinCos- or incremental encoder                          |
| 150       | Triggering not possible, because no incremental encoder                        | IS       | Use for this option an incremental incremental encoder        |
| 151       | Digital I/O-module is missing  | IS       | Install the digital I/O-Module                                |
| 152       | Incremental encoder emulation module is necessary and is missing               | IS       | Install the incremental encoder-emulation module              |
| 153       | Encoder module 1 is necessary for incremental encoder emulation and is missing | IS       | Install the encoder module to slot A                          |
| 154       | Encoder module 2 is necessary for incremental encoder emulation and is missing | IS       | Install encoder module to slot B                              |
| 155       | Initialization error of the incremental encoder-emulation module               | IS       | Restart system  |
| 156       | Incremental encoder-emulation module (HW) signals error                        | IS       | Restart system, if error message recur change the module      |
| 157       | Error incremental encoder emulation module                                     | IS       | Use for this option an incremental encoder                    |
| 158       | SSI encoder emulation module is missing  | IS       | Install the SSI-encoder-emulation module                      |
| 159       | Error in setpoint source encoder 1 or 2  | IS       | See encoder error message                                     |