



10.03.2025

| LDN-UG-0300 |   |        |          |
|-------------|---|--------|----------|
| Name        | Bezeichnung   | Value  | Unit     |
| p300        | Motor type selection                                    | 4      |          |
| p301        | Motor code number selection                             | 0      |          |
| p305        | Rated motor current                                     | 4,80   | Aeff     |
| p311        | Rated motor velocity                                    | 150,00 | m/min    |
| p315        | Motor pole pair width                                   | 28,10  | mm       |
| p316        | Motor force constant                                    | 58,00  | N/Aeff   |
| p322        | Motor maximum velocity                                  | 300,00 | m/min    |
| p323        | Maximum motor current                                   | 22,50  | Aeff     |
| p338        | Motor limit current                                     | 22,50  | Aeff     |
| p341        | Motor weight  | 6,95   | kg       |
| p312        | Rated motor force                                       | 280,00 | N        |
| p317        | Motor voltage constant                                  | 39,00  | Veff s/m |
| p318        | Motor stall current                                     | 4,80   | Aeff     |
| p319        | Motor stall force                                       | 280,00 | N        |
| p320        | Motor rated magnetizing current/short-circuit current   | 0,001  | Aeff     |
| p325        | Motor pole position identification current 1st phase    | 0,000  |          |
| p326        | Motor stall force correction factor                     | 100,00 | %        |
| p327        | Optimum motor load angle                                | 90,00  | °        |
| p328        | Motor reluctance force constant                         | 0,00   | mH       |
| p329        | Motor pole position identification current              | 6,00   | Aeff     |
| p348        | Velocity at the start of field weakening Vdc = 600 V    | 300,00 | m/min    |
| p391        | Current controller adaptation starting point KP         | 8,00   | Aeff     |
| p392        | Current controller adaptation starting point KP adapted | 20,00  | Aeff     |
| p393        | Current controller adaptation p gain adaptation         | 40,00  | %        |
| p350        | Motor stator resistance cold                            | 2,40   | Ohm      |
| p356        | Motor stator leakage inductance                         | 12,40  | mH       |
| p604        | Mot_temp_mod 2: sensor alarm threshold                  | 85,00  | °C       |
| p605        | Mot_temp_mod 1/2 sensor threshold and temperature value | 90,00  | °C       |
| p606        | Mot_temp_mod 2: sensor timer                            | 1,00   | s        |
| p611        | I2t motor model thermal time constant                   | 30,00  | s        |
| p612.0      | Activate mot_temp_mod 1 (I2t)                           | 1,00   |          |
| p615        | Mot_temp_mod 1 (I2t) fault threshold                    | 90,00  |          |
| p1752       | Motor model changeover speed operation with encoder     | 360,00 | m/min    |
| p1980       | PolID technique   | 1      |          |
| p1981       | PolID distance max                                      | 30     | °        |