



ERD12			
Name	Bezeichnung	Value	Unit
p300	Motor type selection	2	
p301	Motor code number selection	0	
p305	Rated motor current	1,20	Aeff
p311	Rated motor speed	600,00	1/min
p314	Motor pole pair	7,00	
p316	Motor torque constant	1,10	Nm/Aeff
p322	Motor maximum speed	600,00	1/min
p323	Maximum motor current	3,60	Aeff
p338	Motor limit current	3,60	Aeff
p341	Motor moment of inertia	0.00011	kgm <sup>2</sup>
p312	Rated motor torque	1,20	Nm
p318	Motor stall current	1,20	Aeff
p319	Motor stall torque	1,20	Nm
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	1,90	Aeff
p348	Speed at the start of field weakening Vdc = 600 V	800,00	1/min
p391	Current controller adaptation starting point KP	1,20	Aeff
p392	Current controller adaptation starting point KP adapted	3,60	Aeff
p393	Current controller adaptation p gain adaptation	30,00	%
p350	Motor stator resistance cold	13,70	Ohm
p356	Motor stator leakage inductance	13,80	mH
p408	Rotary encoder pulse number	4096	
p600	Motor temperature sensor for monitoring	1	
p601	Motor temperature sensor type	6	
p604	Mot_temp_mod 2/sensor alarm threshold	85,00	°C
p605	Mot_temp_mod 1/2 threshold	90,00	°C
p606	Mot_temp_mod 2/sensor timer	0,10	s
p611	I2t motor model thermal time constant	5,00	s
p612.0	Activate mot_temp_mod 1 (I2t)	1	
p615	Mot_temp_mod 1 (I2t) fault threshold	95,00	°C
p1980	PollID technique	1	
p1981	PollID distance max	30	°