

PPU-E35 Y-Axis (MSA111C-DQ)			
Name	Bezeichnung	Value	Unit
p300	Motor type selection	4	
p301	Motor code number selection	0	
p305	Rated motor current	1,80	Aeff
p311	Rated motor velocity	150,00	m/min
p315	Motor pole pair width	28,10	mm
p316	Motor force constant	82,00	N/Aeff
p322	Motor maximum velocity	300,00	m/min
p323	Maximum motor current	8,00	Aeff
p338	Motor limit current	8,00	Aeff
p341	Motor weight	3,00	kg
p312	Rated motor force	147,00	N
p317	Motor voltage constant	65,00	Veff s/m
p318	Motor stall current	1,80	Aeff
p319	Motor stall force	147,00	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	4,00	Aeff
p348	Velocity at the start of field weakening Vdc = 600 V	300,00	m/min
p391	Current controller adaptation starting point KP	2,40	Aeff
p392	Current controller adaptation starting point KP adapted	8,00	Aeff
p393	Current controller adaptation p gain adaptation	30,00	%
p350	Motor stator resistance cold	22,30	Ohm
p356	Motor stator leakage inductance	250,00	mH
p407	Linear encoder grid division	512000	nm
p600	Motor temperature sensor for monitoring	1	
p601	Motor temperature sensor type	2	
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	1,00	s
p1980	PollID technique	1	
p1981	PollID distance max	30	°
p1982	PollID selection	0	