

Specification

Ontrac Intelligent Electric Actuators

Technical Specification			
MOE/MME 电动执行机构技术参数			
Technical Specifications		Keeping Your Production Line On Track	
Technical Parameter			
Voltage supply	3-phase AC: 380V±5% or 10%, 50/60Hz±5% 1-phase AC: 220V±10%, 50/60Hz±5%		
Duty mode	On-off (MOE series), a complete stroke, 50-15min Modulating (MME series), separate strokes, 50-25% Number of starts ≤1000/h		
Motor control	Variable frequency control technology		
Voltage input	24V, DC (18-30V), max 500mA		
Voltage output	24V, DC (18-30V), max 40mA, Short-circuit protection		
Input signal	(1)Analog input (optional): 0-20 mA, galvanically isolated, 2000 ohm resistance, rising characteristic (2)Digital input (0/1), 0-5V, 4-wire, potential-free, freely configurable		
Output signal	(1)Analog output (optional): 0-10 V, 20 mA for position signal, load max. 500Ω; galvanically isolated, short-circuit proof, rising or falling characteristic (2)Digital output (Standard: 4 (BA1), 4 optional 7 (BA 5, 7) or 8 (BA8), 0 potential-free, gold coated relay contacts galvanically isolated, freely configurable; max. 50V/overload proof, in max. = 150 mA, max. = 1 mA, Proofback 5 or MODBUS		
Stroke range	Minimum 1 stroke for Multi-turn		
Torque ripple	40%...100% adjustable step 5%		
Output speed	40%...100% adjustable step 5%		
Accuracy	(1)Multi-turn stroke: 1 stroke, 0.5% (2)Part-turn (3)Linear stroke: 0.25mm, 0.5%		
Dead zone	1% 0.5...10% adjustable		
Sticking limit	On-load set range 50%-100% Off-load set range 0%-45%		
Enclosure protection	IP67 (IP68 optional)		
Explosion protection	Exd II BT4 optional		
Ambient conditions	(1)Temperature: On-off duty: MOE series, -25 °C to +70 °C Modulating duty: MME series, -25 °C to +95 °C Separate type: MME series, -40 °C to +85 °C (2)Humidity: 95% (3)Air media without corrosion, flammable or explosive gas		
Anti-condensation heater mode	Anti-condensation heater mode		
CE standard	EN 61000-6-4: 2007, EN 61000-6-2: 2005 EN 61000-3-2: 2006 (A1): 2009 + A2: 2009, EN 61000-3-3: 2008 EN 60335-1: 2009 (A1): 2009 EN 12473: 2004, IEC 60335-1: 2009		
Mounting direction	Any direction		
Fatigue strength	0.7kg within 5...200Hz; extended strength proof with 5...150Hz 2g sinusoidal (Separated type: acceleration 3g; K: 25.97Hz, Y: 48.68Hz, Z: 145.6Hz)		

MOE/MME Specifications			
开关 / 调节型电动执行器技术参数			
MOE/MME Specifications			
Modulating Actuator MME			
Model	Max modulating torque Nm	Stop torque Nm	Max r.p.m.
MME 406	25	20-50	36
MME 806	40	32-40	36
MME 812	75	60-150	36
MME 825	150	120-300	36
MME 850	300	240-400	36
MME 880	600	480-1200	32
On-Off Actuator MOE			
Model	Stop torque Nm	Max r.p.m.	
MOE 706S	8-15	180	
MOE 706R	10-25	92	
MOE 708M	20-40	36	
MOE 706S	12-30	180	
MOE 708R	20-50	92	
MOE 708M	32-40	36	
MOE 712S	24-40	180	
MOE 712R	40-100	92	
MOE 712M	60-100	36	
MOE 725S	50-125	180	
MOE 725R	80-200	92	
MOE 725M	120-300	36	
MOE 750R	180-400	92	
MOE 750P	200-500	72	
MOE 780R	280-400	92	
MOE 780P	400-1000	72	