

# M-SERIES TECHNICAL SPECIFICATION

		M0609	M0617	M1013	M1509
<b>Arm</b>	Payload	6 kg (13.2 lb)	6 kg (13.2 lb)	10 kg (22 lb)	15 kg (33 lb)
	Reach	900 mm (35.4 inch)	1,700 mm (66.9 inch)	1,300 mm (51.1 inch)	900 mm (35.4 inch)
	Weight	27 kg (59.5 lb)	34 kg (74.9 lb)	33 kg (72.7 lb)	32 kg (70.5 lb)
	<b>Performance</b>				
	Tool Speed	1 m/s	1 m/s	1 m/s	1 m/s
	Repeatability	±0.05 mm	±0.1 mm	±0.05 mm	±0.05 mm
	Temperature	0~45 °C	0~45 °C	0~45 °C	0~45 °C
	<b>Joint Movement (Range : ° / Max Speed : °/s)</b>				
	J1	±360° / 150° /s	±360 / 100° /s	±360° / 120° /s	±360 / 150° /s
	J2	±360° / 150° /s	±360 / 100° /s	±360° / 120° /s	±360 / 150° /s
J3	±150° / 180° /s	±165 / 150° /s	±160° / 180° /s	±150 / 180° /s	
J4	±360° / 225° /s	±360 / 225° /s	±360° / 225° /s	±360 / 225° /s	
J5	±360° / 225° /s	±360 / 225° /s	±360° / 225° /s	±360 / 225° /s	
J6	±360° / 225° /s	±360 / 225° /s	±360° / 225° /s	±360 / 225° /s	
<b>Other Features</b>	Installation Position	Any (Floor / Ceiling / Wall)			
	Protection Rating	IP 54			
	Flange Interfaces	Digital I/O 6 In / 6 Out			
	I/O Power Supply	DC 24 V / Max. 3 A			
<b>Controller</b>	Interfaces	Serial (RS232) / USB 3.0 (RS422/485*), TCP/IP *Requires a USB to RS422/485 converter			
	Industrial Network**	Modbus-TCP (Master/Slave) / Modbus-RTU (Master) / EtherNet/IP (Adapter) / PROFINET IO (Device) **Install a gateway for other communication support			
	Dimensions	490 x 390 x 287 mm			
	Weight	9 kg			
	Protection Rating	IP 40			
	I/O Port – Digital I/O	16 / 16			
	I/O Port – Analog I/O	2 / 2			
	I/O Power Supply	DC 24 V			
	Rated Supply Voltage	100~240 VAC, 50~60Hz			
Cable Length (Arm)	6.0 m				
<b>Teach Pendant</b>	Protection Rating	IP 40			
	Dimensions	264 x 218 x 42 mm			
	Weight / Screen Size	0.8 kg / 10.1 inch			
	Cable Length (TP)	4.5 m			