

TECHNISCHE SPEZIFIKATIONEN		H2515	H2017	M1509	M1013	M0617	M0609	A0912 / A0912s	A0509 / A0509s		
<b>Roboter</b>	Nutzlast	25 kg	20 kg	15 kg	10 kg	6 kg	6 kg	9 kg	5 kg		
	Reichweite	1,500 mm	1,700 mm	900 mm	1,300 mm	1,700 mm	900 mm	1,200 mm	900 mm		
	Gewicht	77 kg	79kg	33 kg	34 kg	35.5 kg	27.5 kg	31 kg	21 kg		
	<b>Performance</b>										
	Geschwindigkeit	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s	
	Wiederholungs genauigkeit	±0.1 mm	±0.1 mm	±0.03 mm	±0.05 mm	±0.1 mm	±0.03 mm	±0.05 mm	±0.03 mm	±0.03 mm	
	Temperatur	0~45 °C	0~45 °C	0~45 °C	0~45 °C	0~45 °C	0~45 °C	0~45 °C	0~45 °C	0~45 °C	
	<b>Gelenksbewegung</b> (Range : ° I Max Speed : °/s)										
	J1	±360 ° I 100 °/s	±360 ° I 100 °/s	±360 ° I 150 °/s	±360 ° I 120 °/s	±360 ° I 100 °/s	±360 ° I 150 °/s	±360 ° I 180 °/s	±360 ° I 180 °/s	±360 ° I 180 °/s	
	J2	±125 ° I 80 °/s	±125 ° I 80 °/s	±360 ° I 150 °/s	±360 ° I 120 °/s	±360 ° I 100 °/s	±360 ° I 150 °/s	±360 ° I 180 °/s	±360 ° I 180 °/s	±360 ° I 180 °/s	
J3	±160 ° I 100 °/s	±160 ° I 100 °/s	±150 ° I 180 °/s	±160 ° I 180 °/s	±165 ° I 150 °/s	±150 ° I 180 °/s	±160 ° I 180 °/s	±160 ° I 180 °/s	±160 ° I 180 °/s		
J4	±360 ° I 180 °/s	±360 ° I 180 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 360 °/s	±360 ° I 360 °/s	±360 ° I 360 °/s		
J5	±360 ° I 180 °/s	±360 ° I 180 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 360 °/s	±360 ° I 360 °/s	±360 ° I 360 °/s		
J6	±360 ° I 180 °/s	±360 ° I 180 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 225 °/s	±360 ° I 360 °/s	±360 ° I 360 °/s	±360 ° I 360 °/s		
<b>Weitere Merkmale</b>											
Montage Position	am Boden			an jeglicher Position			an jeglicher Position				
Schutzart	IP 54			IP 54			IP 54				
Flansch-Schnittstelle	Digital in 6, out 6			Digital in 6, out 6			Digital in 2, out 2, RS-485* <small>*Weitere Anweisungen zur pseudo-seriellen Kommunikation finden Sie im Programmierhandbuch</small>				
I/O Power Supply	DC 24 V / Max. 3 A			DC 24 V / Max. 3 A			DC 12 V / DC 24 V / Max. 3 A				
Drehmomentsensor	In jedem Gelenk			In jedem Gelenk			Force 110 N/ Moment 11 Nm      FTS in s-Version				
<b>Controller</b>	<b>Typ</b>	<b>AC (CS-01)</b>			<b>AC (CS-01P)</b>		<b>DC (CS-02)</b>	<b>AC (CS-03)</b>		<b>DC (CS-04)</b>	
	<small>*gilt für M / H-SERIE</small> Schnittstelle	RS-232, RS-422, RS-485, TCP / IP <small>*erfordert USB to RS-232, RS-422, RS-485 Converter</small>							RS-232, RS-422, RS-485, TCP / IP <small>*erfordert USB to RS-232, RS-422, RS-485 Converter</small>		
	Industrial Network	Modbus-TCP (Master/Slave), Modbus-RTU (Master), EtherNet, IP (Adapter), PROFINET (IO-Device), FANUC - FOCAS (NC Interface)							Modbus-TCP (Master/Slave), Modbus-RTU (Master), EtherNet, IP (Adapter), PROFINET (IO-Device), FANUC - FOCAS (NC Interface)		
	Maße	525(W) x 287(D) x 390(H) mm			577(W) x 241(D) x 422(H) mm		462(W) x 218(D) x 295(H) mm		482(W) x 214(D) x 375(H) mm		
	Gewicht	13 kg			17 kg		12 kg		13 kg		
	Schutzart	IP 30			IP 54		IP 20		IP 40		
	I/O Port - Digital I/O	16 / 16							16 / 16		
	I/O Port - Analog I/O	2 / 2							2 / 2		
	I/O Power Supply	DC 24 V							DC 24 V		
	Rated Supply Voltage	100~240 VAC, 50~60 Hz					22-60 VDC		100~240 VAC, 50~60 Hz      22-60 VDC		
Kabellänge	6 m (Option : 3 m)					3 m (Option : 6 m)		6 m			
<b>Teach Pendant</b>	Schutzart	IP 40							<b>Not-Halt Schalter</b> <small>*Basiskomponenten der A-SERIE</small>	Schutzart	IP 54
	Maße	264(W) x 218(D) x 69(H) mm								Maße	68(W) x 68(D) x 91.5(H) mm
	Gewicht/Screen Size	0.8 kg / 10.1 inch								Gewicht	0.2 kg (ohne Kabel)
	Kabellänge	4.5 m (Option 2.5 m)					2.5 m (Option 4.5 m)		Cable Length	6 m	
	<small>*Optional für A-SERIE</small>								<b>Smart Pendant</b> <small>*Option nur für A-SERIE</small>	Schutzart	IP 40
									Maße	91(W) x 180(D) x 52(H) mm	
									Gewicht	0.3 kg (ohne Kabel)	
									Kabellänge	6 m	