

## TECHNICAL SPECIFICATIONS:仕様書

General specifications	KR 1018
Reach (mm)	1000
Payload (kg)	18
Weight (kg)	34
Joint Speed (deg / sec)	170/225
Joint Ranges	J2 and J4: -70°/+180°. J1, J3, J5, J6 and J7: ±360°
Brakes on joints	Yes
Absolute encoders on joints	Yes
Repeatability (mm)	+/- 0.1
Degrees of freedom	7
Foot print (mm)	160x160
Operating temperature (C°)	0-45
Body material	Anodized aluminum
Safety	KR 1018
Protection rating	IP54
Work without shielding	Yes*
Impact control	Yes
150N safe force limit on tool	Yes
Controller I/O	KR 1018
Digital outputs 24V (pcs)	8
Relay outputs (pcs)	4
Digital inputs 3-30V (pcs)	16
Analogue I/O 0-10V (pcs)	2/2
Analogue I/O 4-20mA (pcs)	2/2

\*Any robot installation must always be evaluated on an individual basis in order to find out if it is appropriate for work without shielding.