

GAMME AJ3

SPECIFICATIONS JOYSTICKS



S3



SK

GAMME AJ3

Electrical Data

Electrical data		
Nominal voltage	V _{supply}	8--30 Vdc
Supply current		<120 mA
Short-Circuit	Protected by 1 Kohm internal resistor	

Tolerances

Temperature drift	@Nominal voltage
Range -30/+70°C	less than +-2% V _{out}

EMC Conformity

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Radiated Field TEM Cell (ISO 11452-3)	50 KHz to 200 MHz 125 V/m	Class A
Radiated Field Absorber Line Chamber (ISO 11452-2)	200 MHz to 1 GHz 100 V/m	Class A
Radio Disturbance CISPR 25	In accordance with ISO14982 limits Conducted and Radiated	N/A
E.S.D. (ISO 10605)	8 kV in contact 15 kV in the air	Class B
Electrical Transient Conduction (ISO 7637-2 (24 V))	Load dump not supported	Class B

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Mechanical Data

Mechanical Data		
Life		> 5 million cycles
Operating temperature		-30°C to 70°C
Storing temperature		-40°C to 85°C
Horizontal Load maximum		100Nm
Vertical Load maximum		1000Nm
Max. Torque (Z axis)		20Nm
Protection level	Above gate	IP 65*
Lever Deflection XY		± 20°
Mechanical Centre Zone Play	Typical value	± 1,2° (relative)
Housing Boot		Aluminium EPDM

(*) Grip IP 65 by internal protection with Down Corning coating ref. 1-2577 for all printed circuits.

Ref:

ISO 10605 (Road Vehicles: Electrostatic discharged)

ISO 11452 (Road Vehicles: Electrical disturbances)

ISO 13766 (Hearth-moving machine: Electromagnetic compatibility)

ISO 14982 (Agricultural and Forestry Machine)

CISPR25 (Radio disturbance for protection on board vehicles)