ENVIRONMENTAL AND LEGISLATIVE

OPERATING TEMPERATURE	-40°C to 80°C	Temperature cycle per EN 60068-2-14: 1999
STORAGE TEMPERATURE	-40°C to 80°C	Cold test to EN 60068-2-1: 1993
		Dry heat to EN 60068-2-2: 1993
TEMPERATURE & HUMIDITY	BS EN 60068-2-38: 2009	Pt 2.1 Z/AD; 65°C for 10 cycles
WATER AND DUST INGRESS	IP66 and IP67 above panel where a grip is fitted	Panel sealing performance is dependent on the stiffness and surface condition of the panel i.e. free of scratches. It is the responsibility of the customer to define the panel material and thickness to achieve the seal rating
	IP20 below panel, including connector and flying lead option	The electronics below the panel are protected such that the joystick will continue to function with a sufficient drying out Period after immersion
SALT MIST	EN 60068-2-52: 1996	Severity 2
VIBRATION (SINUSOIDAL)	EN 60068-2-6: 2008	3gn, 10-200Hz, 1 hour per axis
VIBRATION (RANDOM)	EN 60068-2-64: 2008	3.6gn, 10-200Hz, 2 hours per axis
BUMP	EN 60068-2-27: 2008	40gn, ½ sine 6ms, 1,350 bumps in each of 6 directions
SHOCK	EN 60068-2-27: 2008	25g, 10ms, 500 shocks in each of 6 directions

IMPORTANT INFORMATION
Whilst Curtiss-Wright Industrial LYLVLRQPenny & Giles has designed this joystick to meet a range of applications it is the responsibility of the customer to ensure it meets their specific requirement.

Penny & Giles Controls Ltd makes no warranty or representation in respect of product fitness or suitability for any particular design application, environment, or otherwise, except as may subsequently be agreed in contract for the sale and purchase of products. Customers should therefore satisfy themselves of the actual performance requirements and subsequently the product's suitability for any particular design application and the environment in which the product is to be used.

Continual research and development may require change to products and specification without prior notification.

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