

ENVIRONMENTAL DATA							
CRITERIA	TESTING STANDARD						
Sealing (above mounting panel)	DIN 40050-9 rating IP69K						
Sealing (below mounting panel)	Not Sealed Mechanically Under Panel						
Sealing (electronics)	DIN 40050-9 rating IP69K						
Operating Temperature range	BS EN 60068-2-14 (-40°C to +85°C)						
Storage Temperature range	BS EN 60068-2-1 (-50°C)						
Storage Temperature range	BS EN 60068-2-2 (+85°C)						
Temperature \ Humidity	BS EN 60068-2-38						
Vibration (Random)	BS EN 60068-2-64						
Vibration (Sinusoldal)	BS EN 60068-2-6						
Vibration (Shock)	BS EN 60068-2-27						
Vibration (Bump)	BS EN 60068-2-29						
Salt Spray	BS EN 60068-2-11						
Drop Test	BS EN 60068-2-31						
ESD	BS EN 61000-4-2						
RFI	BS EN 61000-4-3						
Fast Transients	BS EN 61000-4-4						
Conducted RFI	BS EN 61000-4-6						
Power Frequency Magnetic Immunity	BS EN 61000-4-8						
Radiated Emissions	BS EN 55022 Class A						
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WIRING DETAILS (dual output, single supply)							
WIRE	COLOUR	FUNCTION					
1	RED	5V Supply					
2	BLACK	Ground					
3	YELLOW	Joystick Output 1					
4	WHITE	Joystick Output 2					

Sensor wiring looms from Joystick will be 220mm ±10mm Sensor loom is extruded 4 core spec, 55A 24 AWG wires

Handle wiring looms from Joystick will be 220mm ±10mm See handle options on page 2 for specific wire diameters

LABELLING	DETAIL	LABEL TO CONTAIN					
	U <u>.</u> K						
Specification Number	JC1500-GEN-***						
	JC1500 JOYSTICK						
Serial Number	*****						
Reference	****MMYYYY						
Reference Description							
Job Number	E.g 62854						
Month	ММ						
Year	YYYY						

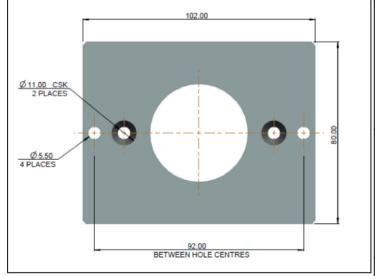
STA INTERFACE OPTION

JC1500 Adaptor plate P48692, This is needed when an AMF handle is fitted.

Plate thickness 2.90/3.35mm.

Finished in black eggshell epoxy (all surfaces).

Note: Joystick assembly is mounted from the top of the panel when adapter plate is fitted



	A3	Penny + Giles	METRIC	ALL SCREW THREADS TO BS 3643 PT. 2 EXTERNAL CLASS: 6a INTERNAL CLASS: 6H			Rohs Compliance				SPECIFICATION NUMBER			=
	ACAD	©COPYRIGHT RESERVED.	NOT TO SCALE: DO NOT SCALE. IF IN DOUBT, ASK.		TOLERANCES IN LINE WITH PENNY & GILES STANDARDS 56-301	YES		NO	S	SINGLE AXIS JOYSTICK		JC1500-GEN-***		
F		THIS DOCUMENT CONTAINS CONFIDENTIAL AND/OR PROPRIETARY INFORMATION AND MAY NOT BE REPRODUCED IN ANY FORM WHATSOEVER: NOR MAY ITS	THIRD ANGLE PROJECTION TO BS 88888	LINEAR (MACHINING) A 0. mm +/- 0.5mm +/- 0.0 mm +/- 0.2mm	ANGULAR -/-1°	3	06/10/11	GC	RD	DA	ECR 14734] JC	1300-GEN-	
	3 SHTS	CONTENTS BE DIVULGED TO THIRD PARTIES WITHOUT THE WRITTEN PERMISSION OF THE OWNER. ALL RIGHTS RESERVED.	CHANGES TO THIS BORDER MUST BE ACTIONED ON SK309927	0.00	JNLESS OTHERWISE STATED	ISSUE	DATE	DRAWN	ENG' APPROVAL	QUAL' APPROVAL	CHANGES			
		1	2		3			4			5		6	