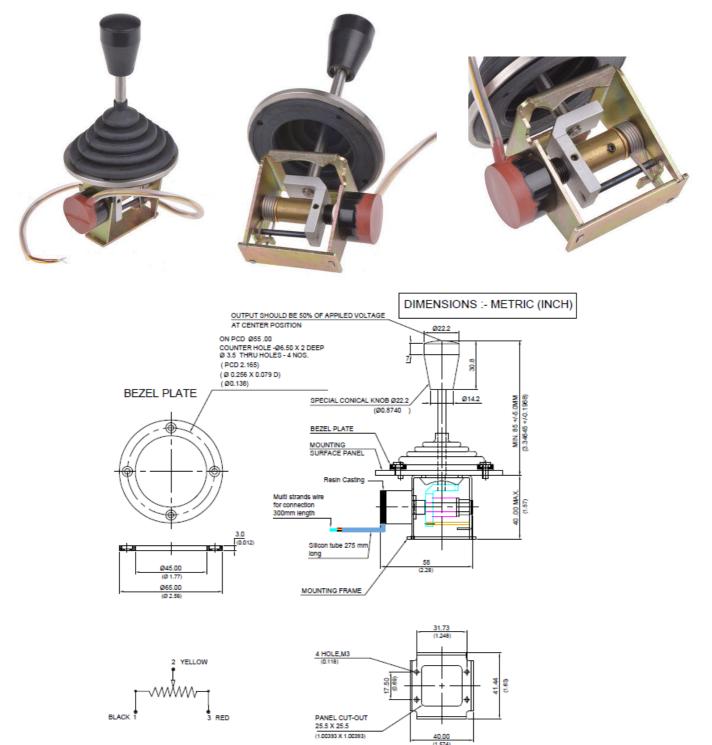


## ENGLISH

## **Datasheet**

Joystick Controller, Single axis

RS Stock: 842-7163



RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.



## Specifications

## ENGLISH

Electrical Characteristics	Units	Value
Resistance Element		Conductive Plastic
Resistance Value	Ohms	5k
Standard Resistance Tolerances	<u>+</u> %	20
Best Possible Resistance Tolerances	<u>+</u> %	10
Standard Independent Linearity Tolerances (IEC 393)	<u>+</u> %	2.0
Electrical Angle	Degrees	45° <u>+</u> 5° for both axis
Electrical Dead Zone	Degrees	5°
Movement Of Stick	Degrees	25 – 0 – 25
Resolution		Essentially Infinite
Temperature Coefficient Of Resistance (TCR)	Ppm/deg C	<u>+</u> 400
Power Rating @ 70°C	Watts	1.0
Insulation Resistance @ 500 V dc	M Ohms	1000
Dielectric Strength @ 50 Hz	V ac	500
Maximum Wiper Current	mA	1
Short Time Wiper Current, 10 sec	mA	10
End Voltage as a % of Applied Voltage	%	Less than 0.5
Environmental Characteristics		
Operating Temperature	Degree C	-40 to +105
RoHS Compliance		Yes
Performance		
Life	No. of Operations	2,000,000
Material Of Construction		
Housing	Aluminium Anodized	
Shaft	Stainless Steel	
Terminal	7/38 Multi Strands Teflon Wire (4 wires)	
Mounting Facility	Frame & S.S Plate With M3 Tap	
Rubber Boot	Nitrile Rubber	
Mounting Flange	Stainless Steel	

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