

RESENZO

Sensoren und industrielle Regelungstechnik

Features

- excellent lifetime
- robust construction
- small design
- conductive plastic

Applications

- platform lifts
- remote controls
- forklift trucks
- hydraulic

Industrial Joystick Analog 1-, 2- and 3-axis Controller

MJ-3K CP



Electrical Characteristics

Resistance range/axis	10 k Ω *)
Resistance tolerance	± 20 %
Electrical angle	$> \pm 25^\circ$ *)
Independent linearity	± 2 %
Centre detect switch/axis	$< \pm 3^\circ\text{C}$ open ; $> \pm 3^\circ\text{C}$ closed
Power rating/axis	0,2 W at 40°
Operating voltage (VCC)	Max. 30 V _{DC}
Wiper current	< 10 μA
Max. wiper current	1 mA in failure mode
Insulation resistance	1 G Ω at 500 V _{DC}
Dielectric withstanding voltage	2000 V

Mechanical Characteristics

Life time	2,5 Mio. cycles
Displacement angle	$< \pm 26^\circ$
Seal condition	IP65
Operating force	5 N typical *)
Coulisse	Quadratic *)
Middle position wiper	$\pm 1,5^\circ$
Impact force	100 N

Environment characteristics

Storage temperature	- 40°C ... + 85°C *)
Operating temperature	- 25°C ... + 70°C *)
Climatic class	25/085/56
Vibration	10 G
Shock	50 G

Material

Housing	aluminium
Bearing	stainless steel
Solder connections	gold plated
Mounting	screws M3

Specifications subject to change without notice

*) Other values on request

Resenzo AG

Bahnhofstrasse 87

CH-3232 Ins

Tel. +41 (0) 32 313 75 30

Fax. +41 (0) 32 313 75 31

info@resenzo.ch

www.resenzo.ch

RESENSEN

Sensoren und industrielle Regelungstechnik

Industrial Joystick Analog 1-, 2- and 3-axis Controller

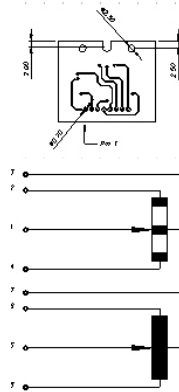
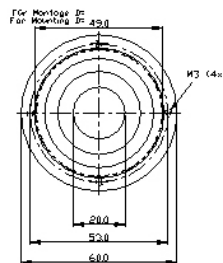
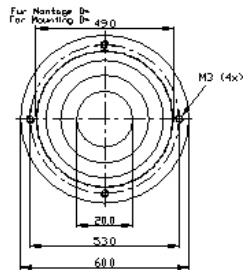
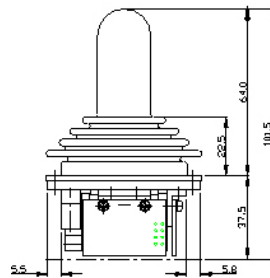
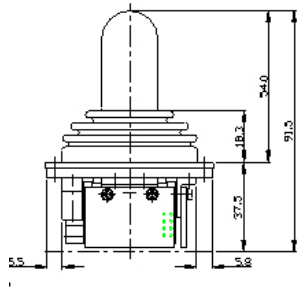
MJ-3K CP



Dimensions MJ-3K CP 54

MJ-3K CP 64

Pin connection



Options (custom designed)

- Other resistance values
- Modified operating element
- Cable, connector
- Mounting plate

How to order

Type	Shaft length	Elec. output	Options
<div style="display: flex; justify-content: space-around; align-items: center;"> M J - 3 K C P </div> <p>Joystick MJ-3K CP</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> 5 4 </div> <p>54 cm 64 cm</p>	<div style="display: flex; justify-content: center; align-items: center;"> X </div> <p>X - 2K5 / 1-0-1 Y - 2K5 / 1-0-1 Z - 2K5 / 1-0-1</p>	<div style="display: flex; justify-content: center; align-items: center;"> D S </div> <p>Standard :</p> <p>DS - Deadman switch CG - cross gate</p> <p>Custom design :</p> <p>Reibbremse put 'n stay Other resistance values Redundant version Modified operating element</p>

Resenso AG

Bahnhofstrasse 87

CH-3232 Ins

Tel. +41 (0) 32 313 75 30

Fax. +41 (0) 32 313 75 31

info@resenso.ch

www.resenso.ch