

## CAN bus JSC Series Joystick

The award winning JSC Series joystick base is the next evolution of Sure Grip joysticks. Using the industry-proven JSM Joystick as a foundation, the JSC sets the new standard for high-performance industrial joystick bases.

Designed for high volume applications, this configurable control can be paired with the perfect Sure Grip handle for your needs. Smart features like the integrated Deutsch connector make installation quick and easy. Tested to the most extreme industry standards, the JSC joystick base is built to last.

### Configurable to your needs

- Available with many different Sure Grip handles
- Configurable faceplates
- Several operating forces available

### Extreme durability and long life

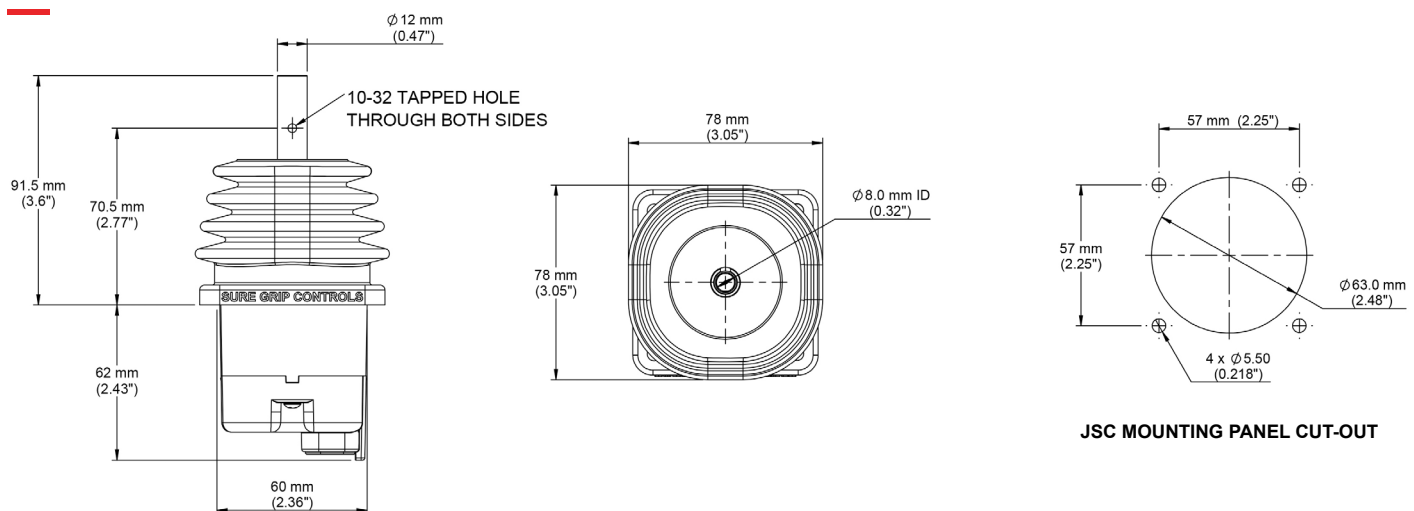
- IP69K below panel and IP-67 above panel sealing
- Tested to over 20 million operations
- Chemical, salt and UV resistant
- Static loading up to 110 Nm

### Simple installation

- Integrated Deutsch DTM04-6P connector



## Dimensions\*



\*Please see handle technical specifications sheets for handle dimensions.



## Specifications

### Electrical Specifications

Supply Voltage	10-36 VDC
Supply Current	30 mA

### Mechanical Specifications

Travel	± 20°
Life Expectancy	20 million operations
Operating Force	Standard spring: 1.1-1.7 lbs Medium spring: 1.8-2.8 lbs
Maximum Static Load	110 Nm

### Environmental Specifications

Operating Temperature	-40°C to +85°C
Sealing	IP69K/IP67 (handle dependent)
Vibration	10 Hz to 2 KHz 1.26 Grms (IEC 60068-2-4)
Shock	25 G for 11 ms all directions (IEC 60068-2-27)
EMC Immunity	125 V/m (ISO 13766)
EMC Emissions	CISPR 25 Class 2
ESD Immunity	ISO 10605: 2008 (+/- 8 kV operational, +/- 15 kV handling)

Specifications are subject to change without notice

## Product Ordering Guide

### Instructions

Configure your part number by selecting from the options below. Next, configure your handle functions by clicking on the desired handle type in Box 8 to open the appropriate handle ordering guide.

Once you have your joystick and handle configured part numbers, or need additional assistance to find exactly what you need, please contact your Sure Grip representative.

[CONTACT US](#)

Example:

JSC	-	2	-	A	-	NN	-	N	-	NNNN	-	L	-	SU	-	N	-	DE	-	250	-	51	-	80	-	S
1		2		3		4		5		6		7		8		9		10		11		12		13		14

Your Configured Part Number:

JSC	-	2	-		-	NN	-	N	-	NNNN	-		-		-	N	-	DE	-		-		-		-	
				3								7		8						11		12		13		14

<b>1. Joystick Model</b> JSC	<b>6. Features</b> NNNN - No Options	<b>10. Joystick Connector</b> DE - Deutsch DTM04-6P	<b>13. Transmission (mS)</b> Message Rate (CAN bus J1939) Range: 20 to 80, Default 80mS PDO Transmission (CANopen) 20 - 20mS Default
<b>2. Axis Options</b> 2 - Two Axis	<b>7. Spring Options</b> L - Light Force (1.1-1.7 lbs) M - Medium Force (1.8-2.8 lbs)	<b>11. Baud Rate (Kbps)</b> 250 - 250Kbps 500 - 500Kbps	<b>14. Weather Sealing</b> U - Joystick Unsealed S - Joystick Sealed
<b>3. Output Options</b> A - CAN J1939 B - CANopen	<b>8. Handle Options</b> SU - SU Handle CU - CU Handle LU - LU Handle LE - LE Handle JE - JE Handle	<b>12. Identification</b> Source Address (CAN bus J1939) Range: 20d - 250d, Default 51d Node ID (CANopen) Range: 1d - 127d, Default 17d	
<b>4. Output Direction</b> NN - Standard	<b>9. Wire Length (Inches)</b> N - None (Integrated Connector)		
<b>5. Gate Options</b> N - None			

Comment Section

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