

ZS11

INDUSTRIAL JOYSTICK



- Ergonomic handle design for comfortable operation
- Multi-axis control with spring return
- Durable construction for harsh environments
- Contactless Hall technology for high reliability and long lifespan
- Electronics with IP67 protection rating

Applications: Aerial work platforms, lifting machinery, electro-hydraulic control, industrial automation

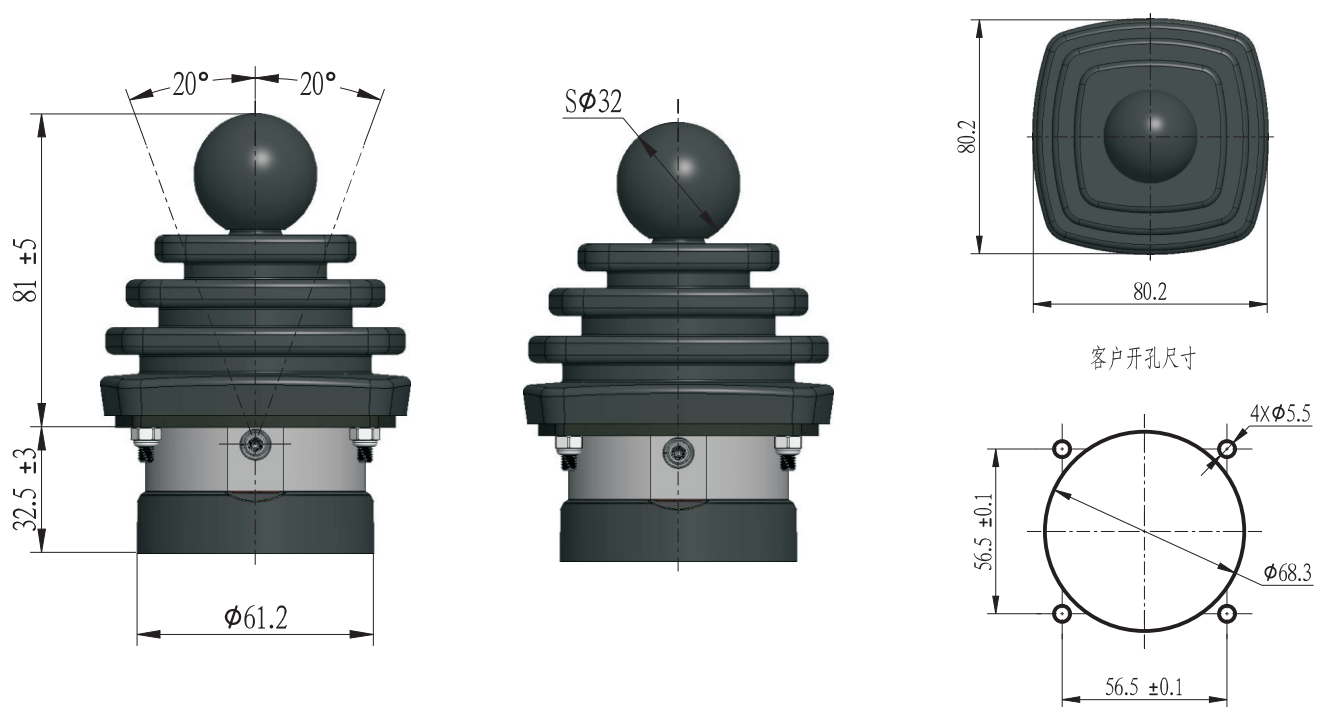


Technical Data

Ambient Temperature:	-40°C to +85°C
Operating Temperature:	-30°C to +70°C
Handle Operating Force:	≤15N
Mechanical Life:	5
MAngle:	±20°

Selection	Palm grips	Gate	Axis 1		Axis 2		Wiring	Contact arrangement
			Movement	Interface	Movement	Interface		
• SHD1 • SHD4B • SHD8B • SHD8 See more options in the grip section								
• 1 -Axis ↓ • 3 Cross gate ⇄	• 2: Y-Axis ↓ • 4: All-direction ⌘							
• Z: Spring return								
• Voltage output DC24V - V1: -10V~0~+10V - V2: +10V~0~+10V - V3: -5V~0~+5V - V4: +5V~0~+5V	• Hall output DC5V - HV1: 0-2.5-5V - HV2: 0.5-2.5-4.5V - HV3: 1.0-2.5-4.0V - HV4: 1.25-2.5-3.75V	• CAN - CAN 2.0 - CAN J1939 - CAN OPEN	• Current output DC24V - I1: 4mA-12mA-20mA - I2: 20mA-4mA-20mA					
• Spring return								
• Voltage output DC24V - V1: -10V~0~+10V - V2: +10V~0~+10V - V3: -5V~0~+5V - V4: +5V~0~+5V	• Hall output DC5V - HV1: 0-2.5-5V - HV2: 0.5-2.5-4.5V - HV3: 1.0-2.5-4.0V - HV4: 1.25-2.5-3.75V	• CAN - CAN 2.0 - CAN J1939 - CAN OPEN	• Current output DC24V - I1: 4mA-12mA-20mA - I2: 20mA-4mA-20mA					
• C: Connector	• L: Direct outgoing line							
• K1 • K2	• K3							

Dimensions


Grip