SPD-043-Ax Series
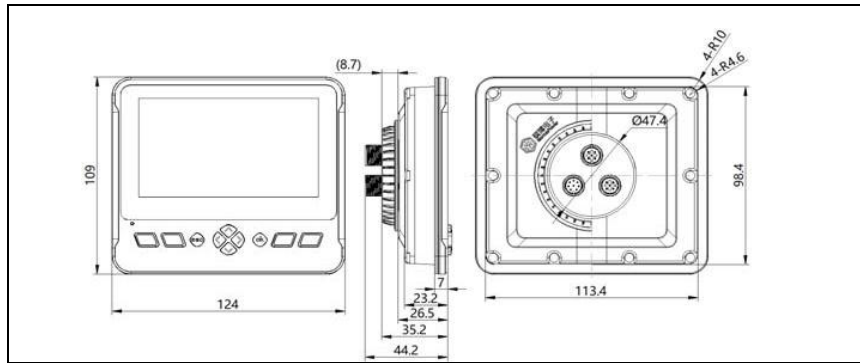
4.3" display
2 CAN
Support CoDeSys3.5 programming
Operating Voltage
8...32 V DC

Technical parameters	Description
Housing	Plastic housing
Size(Length×width×height)	124×109×44.2 mm
Installation	Embedded and fixed ring installation
Connector	2 ×M12*5 pin、1×M12*8 pin Aviation connectors
Weight	0.28 kg
Operating Temperature	-20...70 ℃
Protection Class	IP65
Display type and size	4.3" 24-bit color screen
Display area	95.04×53.86
Brightness	≥400cd/m^2
Resolution	480×272
Programmable function keys	10 keys with backlighting
Input/output channels/IO total	Configurable （4/4/8）
Inputs	Configurable up to 4 inputs

Qty	Signal	Remark	
2 or	Analog Digital	0...10V High/low level configurable	AI^U DI$^{H/L}$
2 or or	Frequency Digital Analog	1Hz...30 kHz/orthogonal coding High/low level configurable 0...5V	PI/PI$^{(AB)}$ DI$^{H/L}$ AI^U

Possible configurations

*All input ports support misconnection of power supply and misgrounding protection

Outputs	Configurable up to 4 outputs

Qty	Signal	Remark	
2 or	Digital PWMi_H	High side output PWM high side output with current feedback	DO^H PWMi^H
2 or	Digital PWM_H	High side output PWM High side output	DO^H PWM^H

Possible configurations

*All digital output ports have short-circuit feedback, short-circuit and overheating protection

Operating voltage UEE	8...32 V DC
Undervoltage monitoring	UEE ≤ 8V ，when t ≤ 350ms
Power consumption	≤ 120mA（24 V No external load at 24 V）
2 * CAN communication port Baud rate Protocols	CAN 2.0 B 20 kbits/s...1 Mbits/s，CAN0 default to 250 kbits/s Customize
Processor	Cortex A7 High Performance MCUs
Equipment Monitoring	Undervoltage monitoring Hardware watchdog function Self-checking of programs and systems