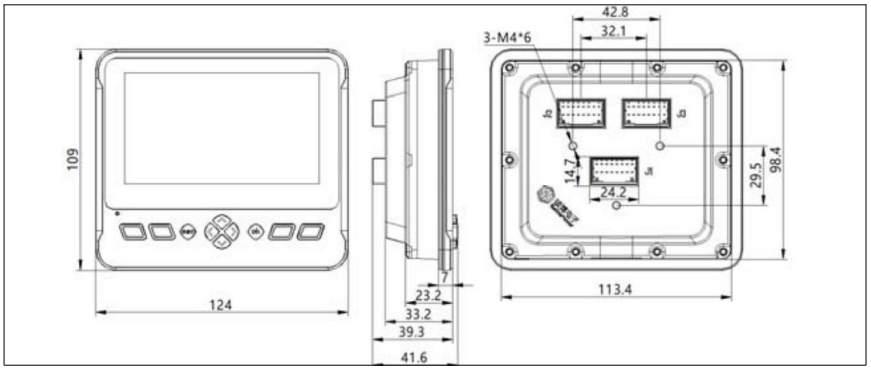
SPD-043-B

4.3" Industrial display
1 × CAN
Support CoDeSys 3.5 Programming
Working Voltage
8. ..32 V DC



Technical parameters	Description
Housing	Plastic housing
Size(L×W×H)	124×109×41.6 mm
Installation	Embedded installation
Connector	3 pcs 16-Pin AMP
Weight	0.31 kg
Operating Temperature	-20...70 ℃
Protection Class	IP20, front IP65
Display type and size	4.3" 24-bit color screen
Display area	95.04×53.86
Brightness	≥400cd/m²
Resolution	480×272
Programmable function keys	10 keys with backlight
Input/output channels/IO total	configurable(30/4/34)
Inputs	Configurable up to 30 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}
24 or	Analog Digital	0... 10V High effective inputs with configurable thresholds	AI^{U} DI^{H}
2 or	Analog Digital	0... 10V/1...600Ω/0...20mA High/low level configurable	$AI^{U}/AI^{R}/AI^{I}$ $DI^{H/L}$

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
Under voltage detection	UEE ≤ 8V, when t ≤ 350ms
Current consumption	≤ 120mA (No external load at 24 V)
Processor	Cortex A7 High Performance MCU
CAN communication port Baud rate	CAN 2.0 B 20 kbits/s... 1 Mbits/s , CAN0 Default 250 kbits/s