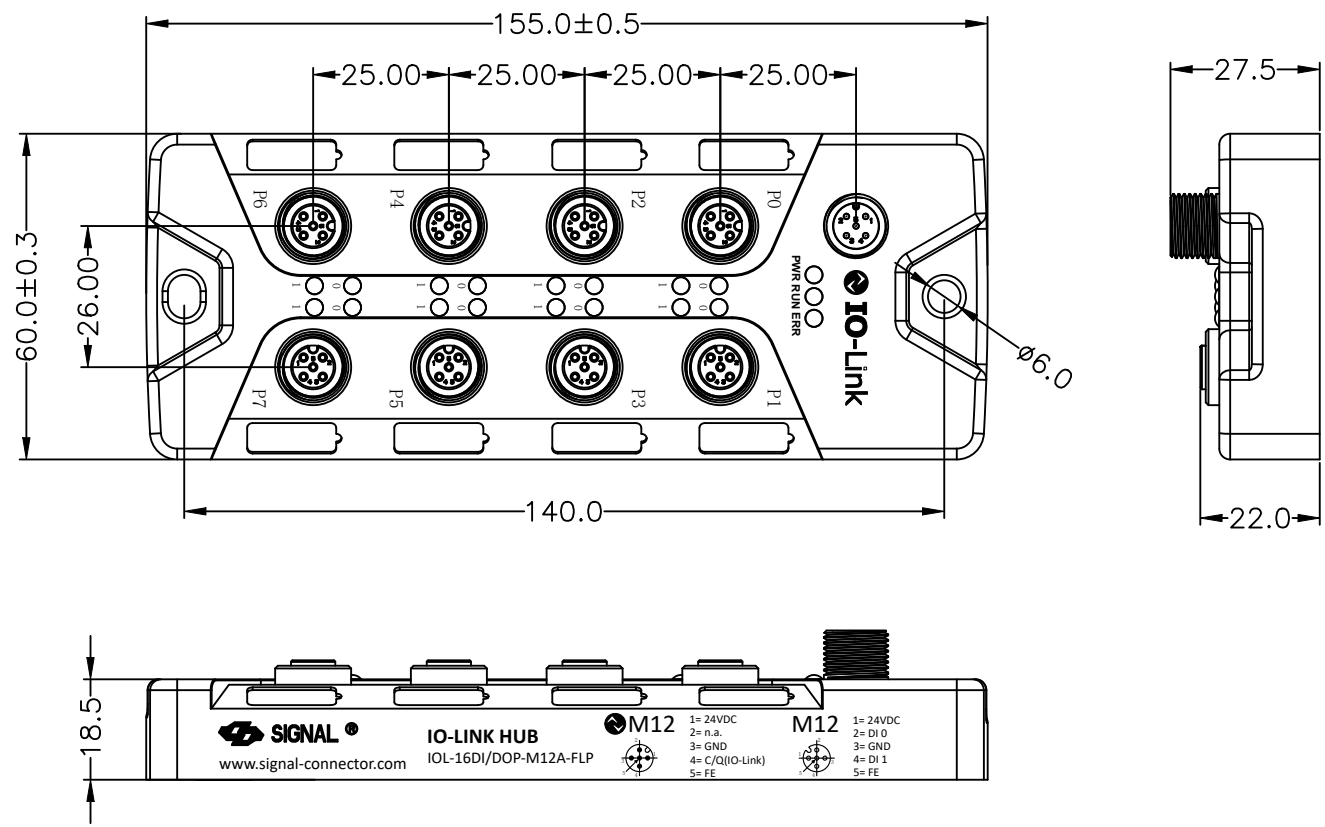


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2024/07/10	ZK



Electrical data  
 Operating voltage Ub: 18~30 VDC  
 Rated operating voltage Ue: 24 VDC  
 Current consumption without load: ≤100mA  
 Current sum US: 1.6A  
 IO-Link Function: Device

Electrical connection  
 IO-Link connector: M12x1.0-Male, 5-pin, A-coded  
 DI/DO connector: 8\*M12x1.0-Female, 5-pin, A-coded

Input/output  
 Configurable inputs/outputs: NO  
 Digital inputs: 16x PNP, Type 3  
 Digital outputs: n/a  
 Power Supply (Sensor): Us  
 Power Supply (Actuator): n/a  
 Process data IN: 2 Bytes  
 Process data OUT: n/a

IO-Link Device  
 Interface: M12 A-Code  
 Transfer rate: COM3(230.4k)  
 Cycle time min.: 3ms  
 Single-channel monitoring: NO

Environmental conditions  
 Ambient temperature: -25...55°C  
 Storage temperature: -40...70°C  
 IP rating: IP67, when threaded in

Mechanical data  
 Dimension: 155.0 x 60.0 x 27.5 mm  
 Mounting ground: M5 screws  
 Mounting part: 2-hole screw mount  
 Housing Material: Aluminum alloy

⑩	ZX00173	PACKING CARTONS (157.5mm*62mm*31.5mm)	1	PCS
⑨	GL00002	BLACK EPOXY GLUE	30	G
⑧	GL00029	TRANSPARENT EPOXY GLUE	10	G
⑦	GL00024	GLUE A	2	G
⑥	PC00169	PCB BOARD WITH COMPONENTS	1	SET
⑤	SW00038	SCREW M3*0.5 L=6.5mm	5	PCS
④	120105-03-219	M12 A CODE 5P MALE PANEL CONNECTOR	1	SET
③	120105-04-168	M12 A CODE 5P FEMALE PANEL CONNECTOR	8	SET
②	LE00022	LIGHT GUIDE PILLAR	19	PCS
①	WK00949-1	IO-LINK JUNCTION BOX SHELL, ALUMINUM ALLOY, BLACK, (WITH SIGNAL LOGO)	1	PCS
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT

**SIGNAL**<sup>®</sup>  
 Shen Zhen Signal Electronics co.,Ltd

TITLE: I/O DISTRIBUTION BOX (M12 5P A/F\*8+M12 5P A/M\*1) SIGNAL LOGO

SGN NO	920105-08-040S	REV.	
DWG NO		CUSTOMER	S0
APPROVED BY	DATE	TOLERANCES ARE:	THIRD ANGLE PROJECTION
DRAWN BY	DATE	DECIMALES	ANGLES
CHECKED BY	DATE	.x ±0.5	.x' ±2.0'
CHECKED BY	DATE	.xx ±0.20	.x' ±1.0'
APPROVED BY	DATE	SIZE: A4	UNITS: mm
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.		SCALE:	SHEET: 1 OF 2