

Part number: 42-08002
SAL-8-8FK3-17L-12-1FS5

- IO-LINK slave station
- IO-LINK version V1.1
- IO-LINK communication interface: Class A, COM2 (38.4KBps)
- 8-channel PNP input and output adaptive M8 3PIN A-code
- IP67 protection level

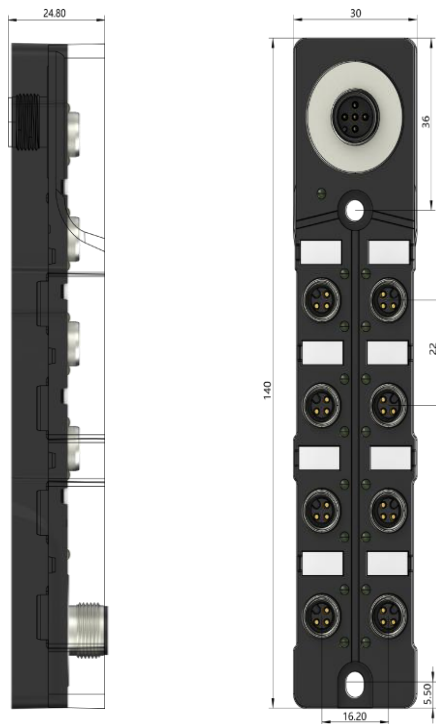


Basic parameters

Shell material	PA6+GF
Shell color	Black
Protection level	IP67, epoxy full potting
Dimensions	140mm×30mm×24.8mm
Weight	180g
Operating temperature	-25°C...70°C
Storage/transport temperature	-40°C...85°C
Operating humidity	5%...95%
Storage/transport humidity	5%...95%
Operating atmospheric pressure	80KPa...106KPa
Storage/transport atmospheric pressure	80KPa...106KPa
I/O port tightening torque	M12:0.5Nm
Application environment	Comply with EN-61131
Vibration test	Comply with IEC60068-2
Impact test	Comply with IEC60068-27
Free drop test	Comply with IEC60068-32
Electromagnetic compatibility (EMC)	Comply with IEC61000-4-2, -3, -4
Certification	CE, RoHS
Mounting hole size	Φ4.3mm×2

I/O signal distribution table

Input/ Output	Byte	Bit0	Bit1	Bit2	Bit3	Bit4	Bit5	Bit6	Bit7
0	J1P4	J2P4	J3P4	J4P4	J5P4	J6P4	J7P4	J8P4	J8P4



IO-LINK Port

M12 A-code male



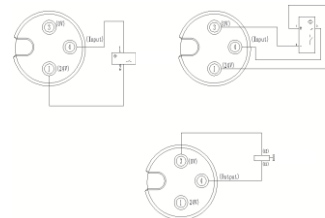
1. V+
2. P24V
3. 0 V
4. C/Q
5. N/C

Port parameters

IO-LINK connection mode	M12, 5-pin, A-code, male
IO-LINK version	1.1
Communication rate	COM2 (38.4KBps)
Port voltage	24VDC
Port current	1.6A
Port level	CLASS A
Data length	OUT 1byte
IO-LINK maximum distance	≤20m

Wiring diagram (J1-J8)

PNP type input/output signal
J1~J8 DIO-PNP



Module LED indicators

IO-LINK RUN	Green: Power supply is normal, communication is not connected Red: Communication is interrupted
	Green flashing: Communication is normal
I/O	Green: Channel signal is normal Red: Port failure

Input Parameters

Number of inputs	Max 8
Input port location	J1...J8
Input polarity	PNP
Input signal "0"	Low level 0~5V
Input signal "1"	High level 11~30V
Maximum load current	200mA

Output Parameters

Output number	Max 8
Output port location	J1...J8
Output voltage	24VDC
Switching frequency	250Hz
Output polarity	PNP
Single channel maximum load current	500mA
Total current	<2.5A
Load type	Resistive, Inductive, Lamp
Short circuit protection	Yes
Overload protection	Yes