

LKHA-0016P-M12-A

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link IP67 hub with auxiliary power supply
DESCRIPTION	16DO, Class-A, 8*M12

ELECTRICAL CONNECTION

IO-LINK	1 × M12 A-code 4 pin, Male	SIGNAL	8 × M12 A-code 4 pin, Female
POWER SUPPLY	M12, L-code		

ELECTRICAL PARAMETERS

INPUT CHANNELS	-	OUTPUT CHANNELS	16
INPUT SUPPLY CURRENT	Max. 200 mA per channel, sum 1.6 A	OUTPUT CURRENT	Max. 2 A per channel, sum 9 A
INPUT TYPE	PNP sensors, mechanical switches, dry contacts, etc.	OUTPUT TYPE	Hydraulic valves, etc.
INPUT DELAY	1.6 ms	OUTPUT FREQUENCY	Resistive load 100 Hz Inductive load 5 Hz
MODULE COMMUNICATION INDICATOR	Green LED	PROCESS DATA IN	2 bytes
POWER SUPPLY INDICATOR	Green LED	PROCESS DATA OUT	2 bytes
SIGNAL STATUS INDICATOR	Green LED		

DIAGNOSTICS

COMMUNICATION STATUS	LED indication, communication message	SHORT-CIRCUIT	Support, LED indication
VOLTAGE DETECTION	Support, low voltage alarm	OVERLOAD	Support, LED indication

FUNCTIONAL SAFETY

MTTF (40 °C)	30a
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GENERAL DATA

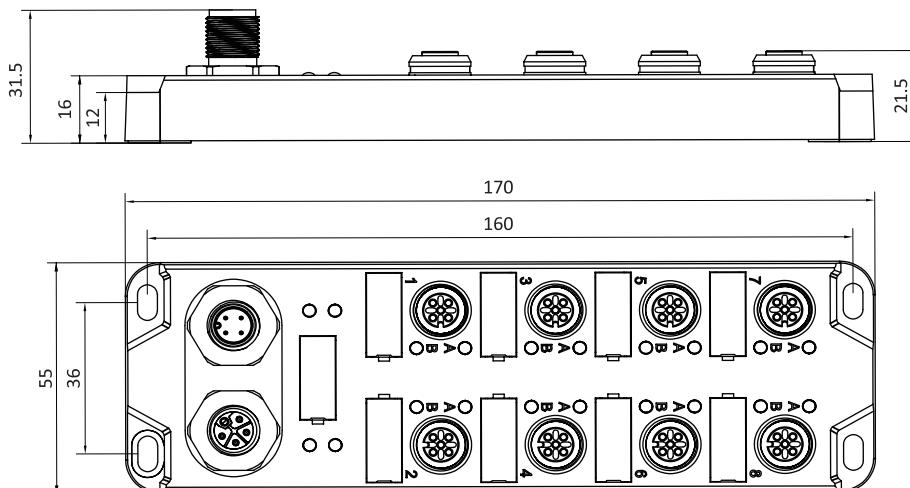
PROTECTION CLASS	IP67	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	55 × 170 × 31.5 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	253 g		

APPROVALS

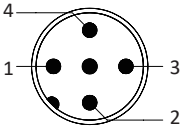


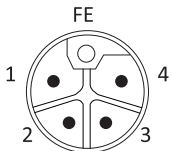
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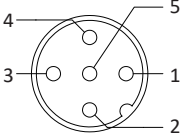
DIMENSIONS



INTERFACE DRAWING

CLASS-A PORT (MALE)	FUNCTION
	1 - Power supply_24 V+
	2 - Output supply_P24
	3 - Power supply_GND
	4 - IO-Link

AUX POWER SUPPLY PORT, L-CODE (MALE)	FUNCTION
	1 - n.c
	2 - Aux power supply N24
	3 - n.c
	4 - Aux power supply P24
	5 - Function Earth FE

I/O PORT (FEMALE)	FUNCTION
	1 - Power supply_24 V+
	2 - Signal IN/OUT_B
	3 - Power supply_GND
	4 - Signal IN/OUT_A
	5 - Protective earth_PE

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