

LKHA-088UP-M12

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link IP67 hub
DESCRIPTION	8DI + 8DIO, Class-A, 8*M12

ELECTRICAL CONNECTION

IO-LINK	Class-A: 1 x M12 A-code 4-pin, Male	SIGNAL	8 x M12 A-code 5 pin, Female
POWER SUPPLY	Included in IO-Link interface		

ELECTRICAL PARAMETERS

INPUT CHANNELS	Max. 16	OUTPUT CHANNELS	Max. 8
INPUT SUPPLY CURRENT	Max. 200 mA per channel, sum 1.6 A	OUTPUT CURRENT	Max. 500 mA per channel, 2 A in total
INPUT TYPE	PNP sensors, mechanical switches, dry contacts, etc.	OUTPUT TYPE	Lamps, solenoidvalve, 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	1 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)	95a
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GENERAL DATA

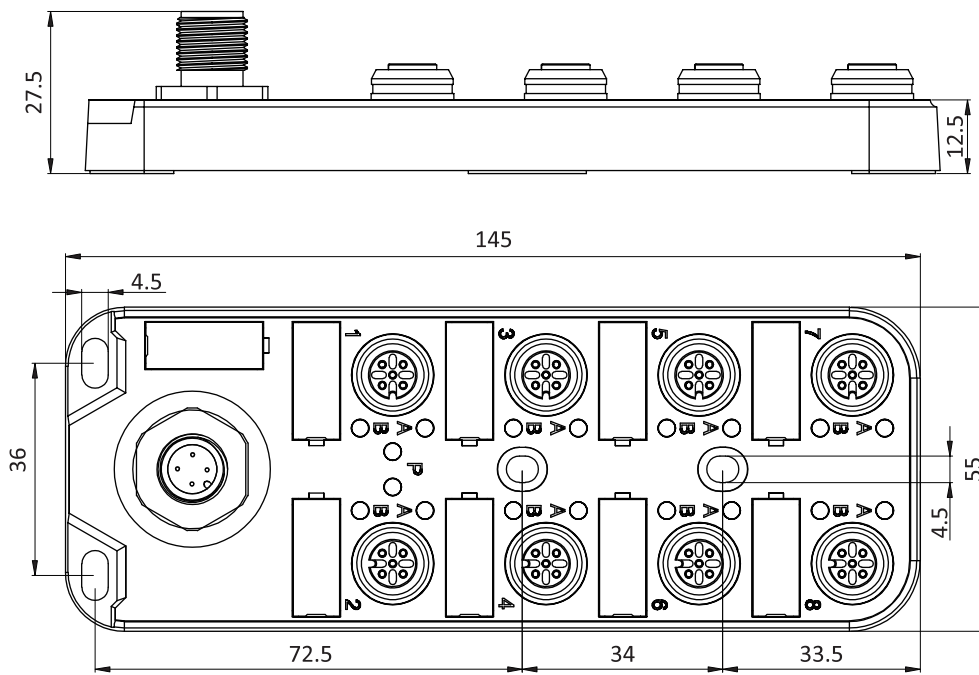
PROTECTION CLASS	IP67	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	55 × 145 × 27.5 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	176 g		

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APPROVALS

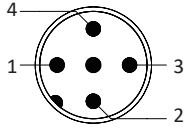


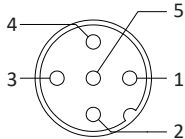
DIMENSIONS



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INTERFACE DRAWING

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

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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SALES AND SERVICE

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