

LKHA-08UA-M12G

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link analog signal hub	IO-LINK	Class-A: 1 × M12 A-code 4 pin, Male
DESCRIPTION	8 AI/AO, Class-A, 8*M12	POWER SUPPLY	Included in IO-Link interface
WORKING MODE	Current / voltage / TC / RTD signal type can be set	SIGNALS	8 × M12 A-code 5 pin, Female

ELECTRICAL DATA

INPUT CHANNELS	Max. 8	OUTPUT CHANNELS	Max. 8
INPUT SUPPLY CURRENT	Max. 200 mA per channel	OUTPUT TYPE	Current: 0 ... 20 mA, 4 ... 20 mA Voltage: 0 ... 10 V
INPUT TYPE	Current: 0 ... 20 mA, 4 ... 20 mA Voltage: 0 ... 10 V, Thermocouple: J, K, T, N, E type, PT100, PT1000	OUTPUT IMPEDANCE	Current: < 450 Ω Voltage: > 1 kΩ
INPUT IMPEDANCE	Current: 250 Ω Voltage: 1 MΩ	RESOLUTION	16 Bit
RESOLUTION	16 Bit	CONVERSION TIME	12 ms
CONVERSION TIME	Current, Voltage: 12 ms Thermocouple: 50 ms	ACCURACY	±0.3%
ACCURACY	±0.3%		

DIAGNOSTICS

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

GENERAL DATA

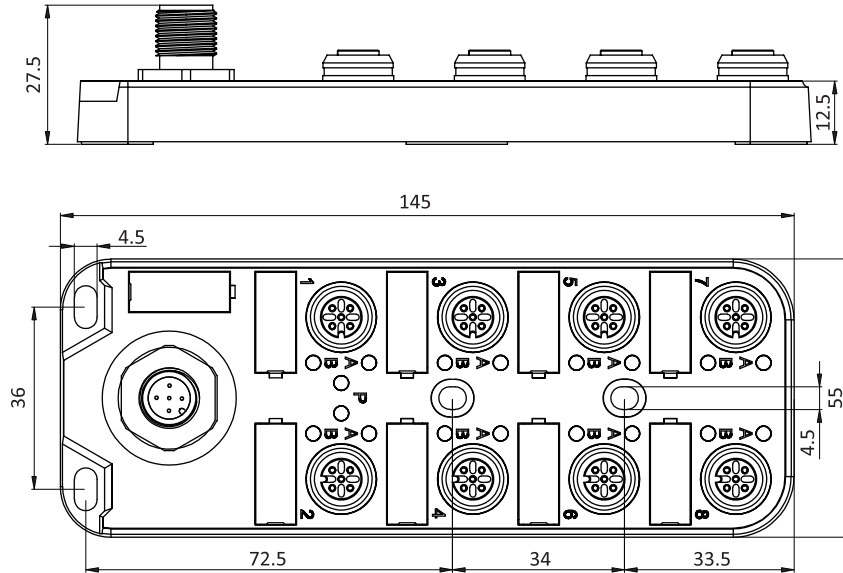
HOUSING MATERIAL	Casting zinc alloy	OPERATING TEMPERATURE	-25 ... +70 °C
PROTECTION	IP67	STORAGE TEMPERATURE	-40 ... +85 °C
RELATIVE HUMIDITY	≤ 95%	DIMENSIONS	55 × 145 × 27.5 mm

APPROVALS



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DIMENSIONS



INTERFACE DRAWING

CLASS-A PORT (MALE)	
	1- Power supply_24 V+
	2- n.c
	3- Power supply_GND
	4- IO-Link

2-WIRE RTD/TC*	3-WIRE RTD

*If the thermocouple function is to be used, an additional accessory "cold-end-M12" needs to be ordered. This accessory should be installed at PORT7 of the module and is used for the cold - end compensation of the thermocouple.

2-WIRE SENSOR	3-WIRE SENSOR	4-WIRE SENSOR

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SALES AND SERVICE

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