



Kontrolog

EXPANSION MODULE 8 ANALOG / DIGITAL OUTPUTS

Description

Using this expansion module the Kontrolog can provide up to 8 additional outputs, 4 of which are analog (4-20mA) and the other 4 are relay type.

ORDERING INFORMATION

P/N: KL-8OUT-12V	Expansion module 8 outputs
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FEATURES

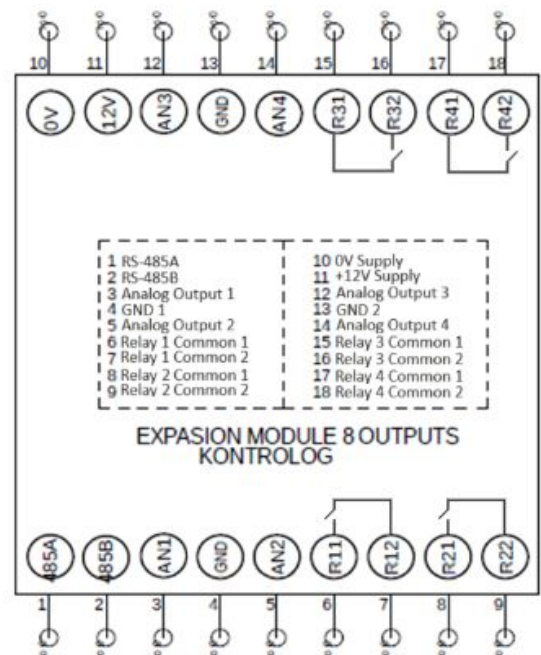
General

- 4 analog outputs of 4-20mA.
- 4 relay type outputs.
- Remote configuration of parameters, such as alarm limits, reading adjustment, among others.
- Modbus RTU communication with the Kontrolog or other PLCs.
- Power supply : 12 VDC.

NOTE: Only 1 expansion module of 8 outputs can be added per Kontrolog unit.

NOTE: It can be used simultaneously with the 8 inputs expansion module to enhance the capabilities of the Kontrolog.

CONNECTION DIAGRAM



POWER REQUIREMENTS

Parameter	Value	Units
Maximum operating current	0.2	A
Nominal supply voltage	12 ±0.1	VDC
Maximum supply voltage	15	VDC

RECOMMENDED OPERATING CONDITIONS

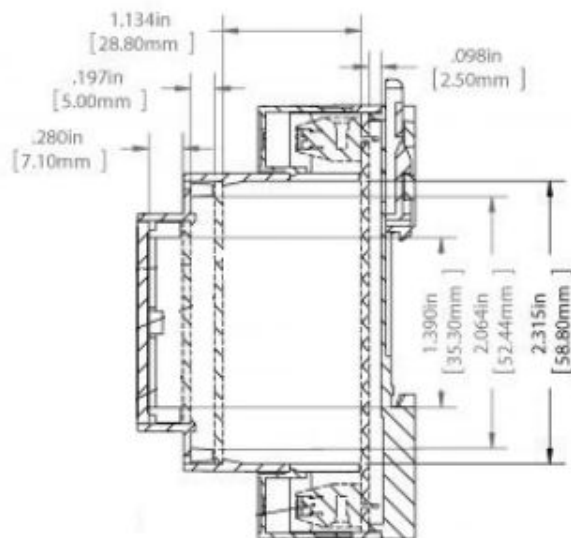
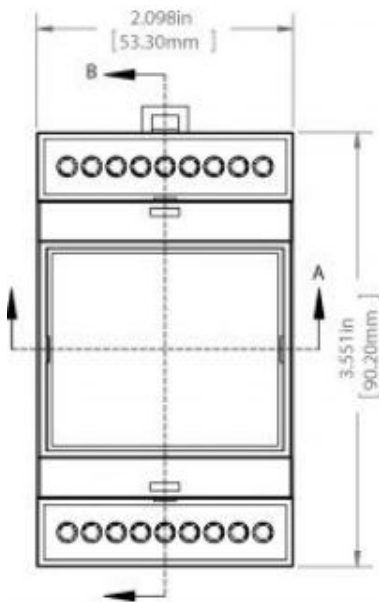
Operating Conditions	Value	Units
Storage temperature	20 (68) – 45 (113)	°C (°F)
Storage ambient humidity	60 ± 25	% R.H./Non-condensable
Operating temperature	0 (32) - 45 (113)	°C (°F)
Operating ambient humidity	60 ± 25	% R.H./Non-condensable
Standard	Type of Protection	
Standard IEC 60529/ EN 60529	IP40 For indoor use only	
UL94-V0	UL94-V0 plastic for high flammability	

OUTPUTS CHARACTERISTICS

Parameter	Value	Units
Max switching current for the relays	3	A
Max switching voltage for relays	240	VAC, 50/60 Hz
Analog current outputs	4-20	mA

DIMENSIONS

Main Unit Dimensions



Material: PC/ABS (UL94V-0).

Total weight: 150g, without accessories and without sensors connected.