

Signal isolator - PI-N-UI-UI-AO - 2835671

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Non Ex Analog Output: output signal conditioner. Isolates and converts analog standard signals. With configurable input/output. 3-way isolated (input/output/supply). Configured.



Key Commercial Data

Packing unit	1
GTIN	
GTIN	4017918907389
Custom tariff number	85437090

Technical data

Dimensions

Width	12.4 mm
Depth	147 mm

Ambient conditions

Ambient temperature (operation)	max. -20 °C ... 60 °C (see data sheet)
Ambient temperature (storage/transport)	-20 °C ... 85 °C

Input data

Configurable/programmable	Yes, preconfigured
Voltage input signal	0 V ... 10 V (Indicate different setting for order 2835671, different configuration via DIP switch)
Max. voltage input signal	30 V
Max. current input signal	50 mA
Input resistance of voltage input	1 MΩ

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Technical data

Input data

Input resistance current input	50 Ω
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Output data

Configurable/programmable	Yes, preconfigured
Voltage output signal	0 V ... 10 V (Indicate different setting for order 2835671, different configuration via DIP switch)
Max. voltage output signal	15 V
Max. current output signal	45 mA
Load/output load voltage output	$\geq 5 \text{ k}\Omega$
Load/output load current output	$\leq 500 \text{ }\Omega$
Output ripple (current)	$< 40 \text{ }\mu\text{A}_{\text{pp}}$ (For 500 Ω)

Power supply

Supply voltage range	20 V DC ... 30 V DC
Typical current consumption	35 mA (24 V DC / 20 mA)
Max. current consumption	50 mA
Power consumption	typ. 0.84 W (24 V DC / 20 mA)

General

No. of channels	1
Maximum transmission error	$\leq 0.1 \text{ }\%$ (Of end value (at 20°C))
Maximum temperature coefficient	0.0075 $\%/K$
Limit frequency (3 dB)	30 Hz
Step response (10-90%)	11 ms
Alignment zero	$\pm 4 \text{ }\%$
Alignment span	$\pm 5 \text{ }\%$
Status display	Green LED (supply voltage)
Housing material	PBT and polyamide PA non-reinforced
Color	green
Designation	Input/output
	Input/power supply
	Output/supply
Conformance	CE-compliant

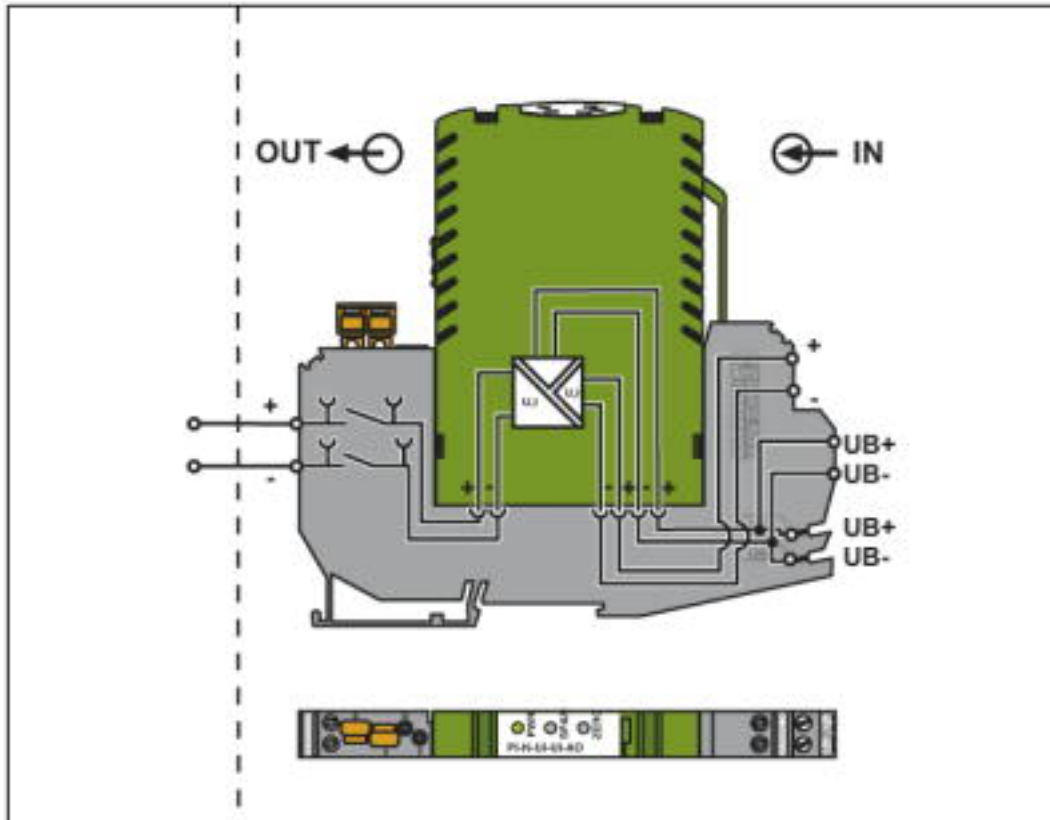
Standards and Regulations

Conformance	CE-compliant
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Drawings

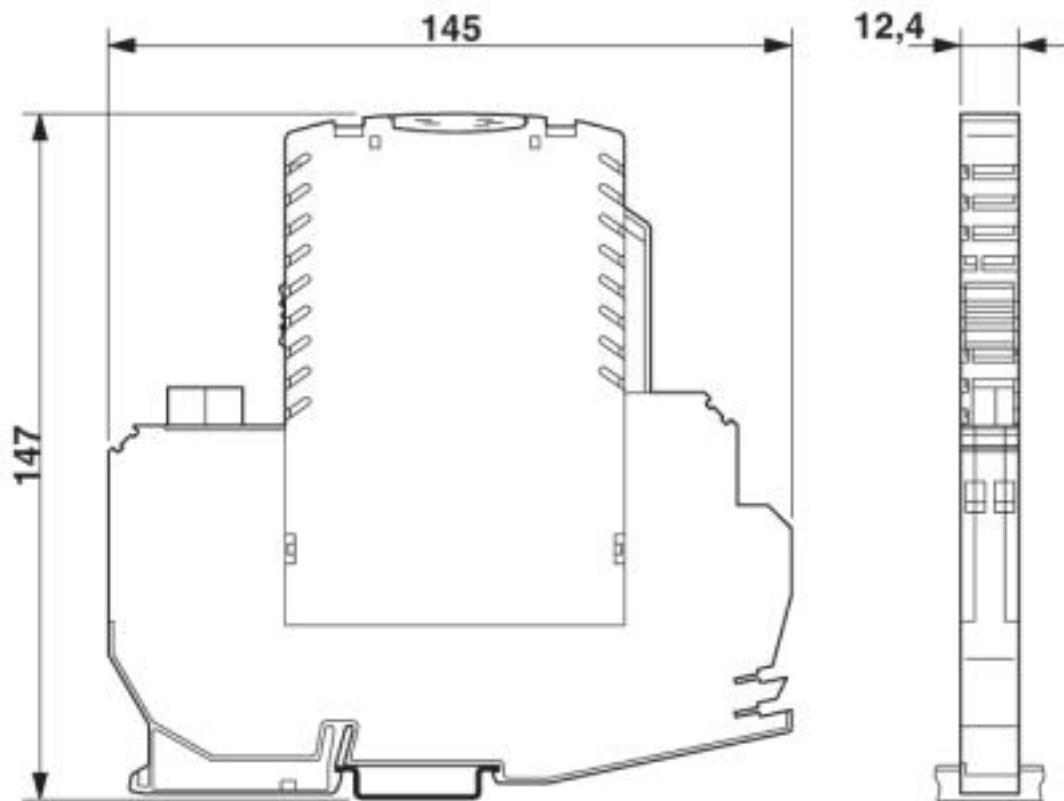
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Block diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27210121
eCl@ss 4.1	27210121
eCl@ss 5.0	27210121
eCl@ss 5.1	27210121
eCl@ss 6.0	27210121
eCl@ss 7.0	27210121
eCl@ss 8.0	27210121
eCl@ss 9.0	27210121

ETIM

ETIM 2.0	EC001485
ETIM 3.0	EC001485
ETIM 4.0	EC001485
ETIM 5.0	EC001485

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Classifications

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008