

PI-N-UI-UI-AO-NC

Order No.: 2835684




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2835684>

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



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Commercial data

GTIN (EAN)	 4 017918 907341
Note	Made-to-order
sales group	H752
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 457 (IF-2009)

Technical data

Input data

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

Output data

Configurable/programmable	Yes, unconfigured
Voltage output signal	0 V ... 10 V (Indicate different setting for order, 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	$\leq 500 \Omega$
Output ripple (current)	$< 40 \mu\text{A}_{\text{pp}}$ (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 data

No. of channels	1
Maximum transmission error	$\leq 0.1 \%$ (Of end value (at 20°C))
Maximum temperature coefficient	0.0075 %/K
Limit frequency (3 dB)	30 Hz
Ambient temperature (operation)	max. -20 °C ... 60 °C (See data sheet)
Ambient temperature (storage/transport)	-20 °C ... 85 °C
Step response (10-90%)	11 ms
Alignment zero	$\pm 4 \%$
Alignment span	$\pm 5 \%$
Status display	Green LED (supply voltage)
Width	12.4 mm
Depth	147 mm
Inflammability class acc. to UL 94	V0
Housing material	PBT and polyamide PA non-reinforced
Degree of protection	IP20
Color	green
Electrical isolation input / output	1.5 kV (50 Hz, 1 min., test voltage)
Electrical isolation input / supply	1.5 kV (50 Hz, 1 min., test voltage)
Electrical isolation output / supply	1.5 kV (50 Hz, 1 min., test voltage)
Conformance	CE-compliant

Certificates / Approvals

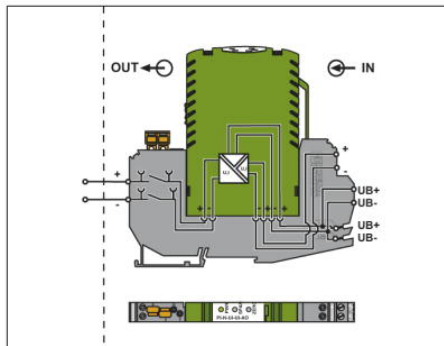


Certification

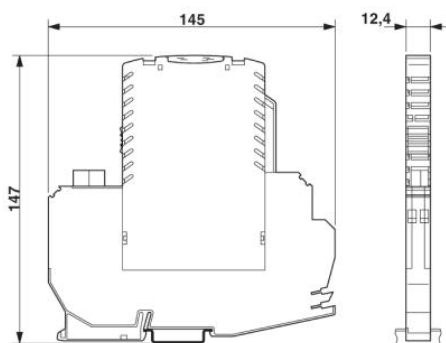
GOST

Diagrams/Drawings

Block diagram



Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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