PACT RCP-4000A-UIRO-PT - Signal conditioner

2906230

https://www.phoenixcontact.com/us/products/2906230

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Universally configurable 4-way signal conditioner, with switching output and plug-in connection technology for the electrical isolation of analog signals. Configurable via DIP switch or software. Push-in connection technology, order configuration.

Commercial data

Item number	2906230
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C444
Product key	CMMA12
GTIN	4055626048130
Weight per piece (including packing)	62 g
Weight per piece (excluding packing)	62 g
Customs tariff number	85437090
Country of origin	DE

Technical data

Product properties

Product type	Signal conditioner
Product family	4-way signal conditioner

Electrical properties

General

Accuracy class	1

Input data

Signal

Input signal (at 50 Hz)	100 mV (1000 A)

Measurement

Number of inputs	1

Current transformer

Primary rated current I_{pn}	4000 A
Accuracy class	1

Output data

Signal

Configurable/programmable	Yes
Voltage output signal	0 V ... 10 V (via DIP switch)
	2 V ... 10 V (via DIP switch)
	0 V ... 5 V (via DIP switch)
	1 V ... 5 V (via DIP switch)
	0 V ... 10.5 V (can be set via software)
Max. voltage output signal	approx. 12.3 V
Current output signal	0 mA ... 20 mA (via DIP switch)
	4 mA ... 20 mA (via DIP switch)
	0 mA ... 10 mA (via DIP switch)
	2 mA ... 10 mA (via DIP switch)
	0 mA ... 21 mA (can be set via software)
Max. current output signal	24.6 mA
Load/output load voltage output	≥ 10 kΩ
Load/output load current output	≤ 600 Ω (20 mA)
Ripple	< 20 mV_{PP}
	< 20 mV_{PP}

Connection data

Connection method	Push-in connection

Stripping length	10 mm

Measuring transducer side

Connection method	Push-in connection
Stripping length	10 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	26 ... 12

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C

Approvals

CMIM

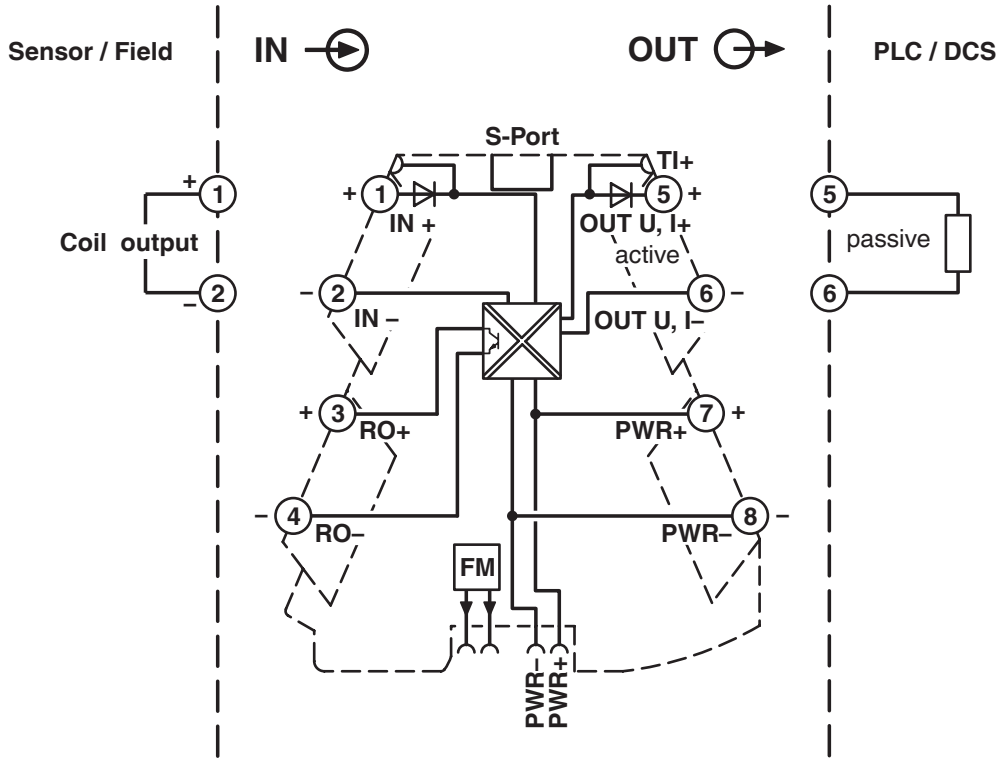
Certificate	CMIM-compliant

Mounting

Mounting type	DIN rail mounting

Drawings

Block diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2906230

EAC
Approval ID: RU*DE*08.B.01187/19

UL Listed
Approval ID: E123528

cUL Listed
Approval ID: E123528

cUL Listed
Approval ID: E123528

UL Listed
Approval ID: E123528

Classifications

ECLASS

ECLASS-13.0	27210120
ECLASS-15.0	27210120

ETIM

ETIM 10.0	EC002653

UNSPSC

UNSPSC 21.0	39121000

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)
SCIP	6db40315-f913-41b2-b157-87c89c89c3f9

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https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com