

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

2906230

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



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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)	61 g
Weight per piece (excluding packing)	61 g
Customs tariff number	85437090
Country of origin	DE

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

2906230

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



Technical data

Product properties

Product type	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	$\geq 10 \text{ k}\Omega$
Load/output load current output	$\leq 600 \Omega$ (20 mA)
Ripple	$< 20 \text{ mV}_{\text{PP}}$ $< 20 \text{ mV}_{\text{PP}}$

Connection data

Connection method	Push-in connection
Stripping length	10 mm

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

2906230

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



Measuring transducer side

Connection method	Push-in connection
Stripping length	10 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	26 ... 12

Environmental and real-life conditions

Ambient conditions

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

Approvals

UKCA

Certificate	UKCA-compliant
-------------	----------------

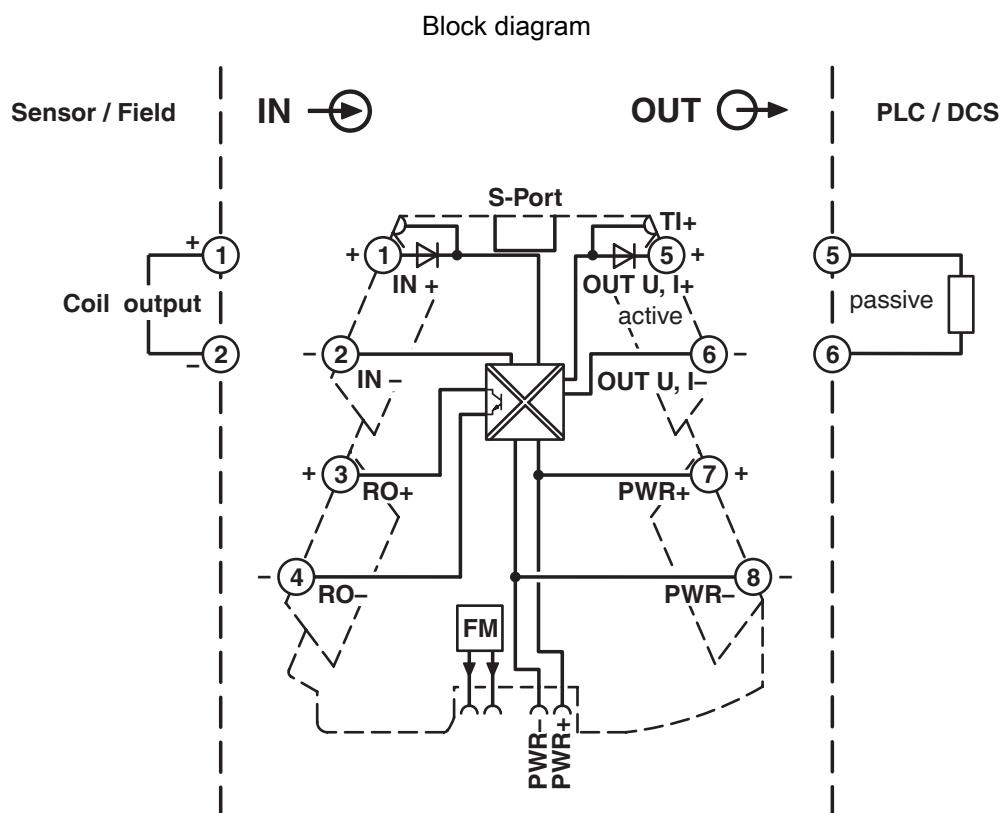
CMIM

Certificate	CMIM-compliant
-------------	----------------

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

Drawings



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

2906230

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



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

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

2906230

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



Classifications

ECLASS

ECLASS-13.0	27210120
ECLASS-15.0	27210120

ETIM

ETIM 9.0	EC002653
----------	----------

UNSPSC

UNSPSC 21.0	39121000
-------------	----------

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

2906230

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



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

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

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