

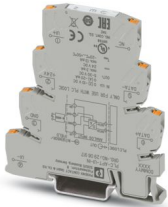
PLC-APT-UI-IN - Analog module

2906917

<https://www.phoenixcontact.com/us/products/2906917>



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.



Analog input module for PLC-V8R... or PLC-V8C..., 1-channel, signal type (4 mA ... 20 mA, 0 mA ... 20 mA, 0 V ... 10 V, 2 V ... 10 V) can be configured via DIP switch, Push-in connection

Commercial data

Item number	2906917
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C424
Product key	DK2622
GTIN	4055626153780
Weight per piece (including packing)	37.1 g
Weight per piece (excluding packing)	28.8 g
Customs tariff number	85389099
Country of origin	DE

Technical data

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Product properties

Product type	Extension module
Product family	PLC-INTERFACE
Operating mode	100% operating factor

Insulation characteristics: Air clearances and creepage distances

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Electrical properties

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV

Supply

Rated control circuit supply voltage U_S	24 V DC
Rated control supply voltage range with reference to U_S	0.8 ... 1.1
Rated control supply current I_S	13 mA
Protective circuit	Reverse polarity protection
	Surge protection

Input data

Analog current input

Number of inputs	1
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
Input resistance current input	40 Ω
Maximum temperature coefficient	0.01 %/K
Maximum transmission error	1 % (relative to range final value)
Surge voltage protection	> 33 V
Resolution	10 bit (scaled to 0 to 1000)

PLC-APT-UI-IN - Analog module



2906917

<https://www.phoenixcontact.com/us/products/2906917>

Analog voltage input

Number of inputs	1
Voltage input signal	0 V ... 10 V
	2 V ... 10 V
Input resistance of voltage input	> 120 kΩ
Maximum temperature coefficient	0.01 %/K
Maximum transmission error	1 % (relative to range final value)
Surge voltage protection	> 33 V
Resolution	10 bit (scaled to 0 to 1000)

Output data

Digital

Output name	Digital output
Switching voltage range	5 V DC ... 30 V DC
Switching current	≤ 3 mA

Connection data

Connection method	Push-in connection
Stripping length	10 mm
Number of connections	4
Conductor cross-section rigid	0.14 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross-section AWG	26 ... 14

Signaling

Operating voltage display	Green LED
Error indication	Red LED

Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

Material specifications

Color	gray (RAL 7042)
-------	-----------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Approvals

PLC-APT-UI-IN - Analog module



2906917

<https://www.phoenixcontact.com/us/products/2906917>

CE

Certificate	CE-compliant
-------------	--------------

UL, USA/Canada

Identification	UL 508 Listed
----------------	---------------

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
-----------------------	--------------

Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

PLC-APT-UI-IN - Analog module

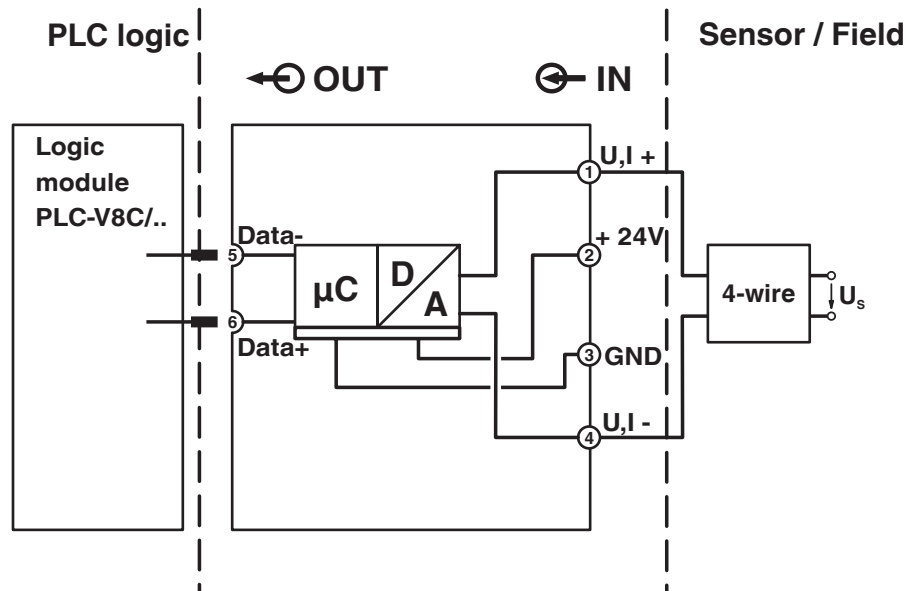
2906917

<https://www.phoenixcontact.com/us/products/2906917>



Drawings

Block diagram



PLC-APT-UI-IN - Analog module



2906917

<https://www.phoenixcontact.com/us/products/2906917>

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2906917>



EAC

Approval ID: RU*DE.*08.B.01517/19



UL Listed

Approval ID: E238705



cUL Listed

Approval ID: E238705

PLC-APT-UI-IN - Analog module



2906917

<https://www.phoenixcontact.com/us/products/2906917>

Classifications

ECLASS

ECLASS-13.0	27242201
ECLASS-15.0	27242201

ETIM

ETIM 10.0	EC001420
-----------	----------

UNSPSC

UNSPSC 21.0	32151600
-------------	----------

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	de789e6a-6cff-4520-a176-3e04440f25dc

Phoenix Contact 2026 © - 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