

PNP-U-MOD-TCP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Plug&Play Boxes

With the ready-to-connect Plug&Play boxes, existing machines can be easily integrated into the IoT network, without costly intervention in the control cabinet structures.

The boxes thus serve as data collectors and are at the same time the basis for the evaluation and transparent display of your energy consumption.

All you need is a network connection near the Plug&Play boxes.

General ordering data

Order No.	2716690000
Type	PNP-U-MOD-TCP
GTIN (EAN)	4064675002567
Qty.	1 items
Delivery status	Discontinued
Available until	2025-04-08T00:00:00+02:00

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	225 mm	Depth (inches)	8.8582 inch
Height	340 mm	Height (inches)	13.3858 inch
Width	550 mm	Width (inches)	21.6535 inch
Net weight	999 g		

Temperatures

Storage temperature	-25 °C...70 °C	Humidity at storage temperature	0...90 % (no condensation)
Ambient temperature	-10 °C...45 °C	Operating temperature	
Humidity	0...75 % RH (at ambient temperature)		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6aI, 6c, 7a, 7cI
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3, Lead monoxide 1317-36-8, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	ba103bb9-1f96-4ea8-9781-3f6260ebf16f

Measuring current input

Rated current	via current transformer 1 A/5 A
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Communication

Interface	Ethernet 10/100 Base-TX (RJ-45 socket), Web server/e-mail	Protocol	TCP/IP, DHCP Client (BootP), Modbus/TCP (Port 502), ICMP (Ping), NTP, Modbus RTU over Ethernet (Port 8000), FTP, SNMP
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Inputs/outputs

Number of digital inputs	0	Temperature input	Yes
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Technical data

Applications	Power and flow measurement	Type of mounting	Wall mounting; Connection side lying, DIN rail
Protection degree	IP54, IP20	Pollution severity	4
Rated current	via current transformer 1 A/5 A	Air pressure (operation)	≥ 795 hPa (height ≤ 2000 m) as per DIN EN 61131-2
Usage	Plug & Play	Display monitoring (monitor)	LCD
Standards	IEC 61439-2	Measurement range, voltage L-L, AC	480 V
Surge voltage category	II	Supply voltage	230 V
Sampling frequency 50/60 Hz	40 kHz		

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Technical data

Insulation coordination

Surge voltage category	II	Pollution severity	4
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Important note

Product information	<p>Flow measurement The PNP-63-MOD-TCP and PNP-U-MOD-TCP products work with an external flow sensor. The signal line of the sensor is connected to the measuring device via an SAI connection.</p> <p>Temperature measurement The ambient temperature is recorded with an external temperature sensor. The signal line of the sensor is connected to the measuring device via an SAI connection.</p> <p>Power consumption measurement The PNP-16-MOD-TCP, PNP-32-MOD-TCP and PNP-63-MOD-TCP products are provided with integrated current transformers. The power line is guided via the CEE connections through the measuring device to the machine or plant. The PNP-U-MOD-TCP product works with external current transformers. The signal lines of the current transformers are connected to the measuring device via HDC connections.</p> <p>Communication The measured values are transferred from the measuring device to the network via a data line. The measured values can be displayed in real time on a connected PC.</p>
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Classifications

ETIM 8.0	EC002301	ETIM 9.0	EC002301
ETIM 10.0	EC002301	ECLASS 14.0	27-14-23-30
ECLASS 15.0	27-14-23-30		

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Drawings

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