

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

Version	
Order No.	2716690000
Type	PNP-U-MOD-TCP
GTIN (EAN)	4064675002567
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	225 mm	Depth (inches)	8.858 inch
Height	340 mm	Height (inches)	13.386 inch
Width	550 mm	Width (inches)	21.653 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	Humidity	0...75 % RH (at ambient temperature)

Measuring current input

Rated current	via current transformer 1 A/5 A
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Communication

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

Inputs/outputs

Temperature input	Yes
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Technical data

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

Insulation coordination

Pollution severity	4	Surge voltage category	II
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Classifications

ETIM 6.0	EC002301	ETIM 7.0	EC002301
ETIM 8.0	EC002301	ETIM 9.0	EC002301
ECLASS 9.0	27-14-23-30	ECLASS 9.1	27-21-03-01
ECLASS 10.0	27-14-23-30	ECLASS 11.0	27-14-23-30
ECLASS 12.0	27-14-23-30	ECLASS 13.0	27142330

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 Lead monoxide (lead oxide) 1317-36-8
SCIP	ba103bb9-1f96-4ea8-9781-3f6260ebf16f

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Important note

Product information

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.

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.

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.

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.

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

User Documentation

[Operation manual for used digital flow switch PFMB7202](#)

[Quick guide for used digital flow switch PFMB7202](#)

[Quick installation guide PnP-Box- series](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

