PNP-32-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.	2716660000
Type	PNP-32-MOD-TCP
GTIN (EAN)	4064675002543
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	530 mm	Width (inches)	20.866 inch
Net weight	999 g		

Temperatures

Storage temperature	-10 °C...60 °C	Humidity at storage temperature	35...85 % rel. humidity, no condensation
Ambient temperature	0 °C...40 °C	Humidity	35...85 % RH (at ambient temperature)

Measuring current input

Rated current	32 A

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

Inputs/outputs

Compressed-air connection available	Yes	Digital output configurable	Yes
Type of compressed-air connection	Quick coupling for hoses with 10 mm	Temperature input	Yes

Technical data

Air pressure (operation)	≥ 795 hPa (height ≤ 2000 m) as per DIN EN 61131-2	Airflow rate, max.	2,000 l/min
Airflow rate, min.	20 l/min	Applications	Power and flow measurement
Nominal input air pressure	8 bar	Pollution severity	4
Protection degree	IP54	Rated current	32 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	via the input measuring circuit

Insulation coordination

Pollution severity	4	Surge voltage category	II

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	27-14-23-30

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 Lead monoxide (lead oxide) 1317-36-8
SCIP	b8594349-3937-4fc3-b3f9-0b9575c3ba7d

Important note

Product information	**Flow measurement** The PNP-16-MOD-TCP and PNP-32-MOD-TCP products are provided with an integrated flow sensor. The incoming air is guided through the measuring device to the machine or plant. **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. **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



