



Item description

Features:

- WAGO's communication module snaps onto a Pro 2 Power Supply's communication interface.
- IO-Link device supports IO-Link specification 1.1
- Suitable for configuring and monitoring the subordinate power supply
- Function blocks for standard control systems available upon request
- Pluggable connection technology
- Marker slot for WAGO marking cards (WMB) and WAGO marking strips

Data

Technical data

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.



Input

Nominal input voltage $U_{i\text{nom}}$	DC 24 V (SELV; via IO-Link Master)
Input voltage range	DC 18 ... 30 V(SELV; via IO-Link Master)
Input current I_i	≤ 0.015 A

Signaling and Communication

Signaling	1 x COM OK LED (green) 1 x ERR LED (red)
Communication	IO-Link
IO-Link version	1.1
Baud rate	230.4 kBd (COM 3)
Data width	5 bytes
Data update rate	25 ms

Safety and protection

Isolation	0.63 kVDC
Protection class	III
Protection type	IP20; per EN 60529
Pollution degree	2

Connection data

Connection technology	CAGE CLAMP®
WAGO connector	WAGO 721 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Cable length (max.)	20 m (IO-Link)

Physical data

Width	35 mm / 1.378 inches
Height	95 mm / 3.74 inches
Depth	22 mm / 0.866 inches
Note (dimensions)	Height with connector; Depth in mounted state

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Mechanical Data

Mounting type	Snaps onto a Pro 2 Power Supply's communication interface (X4)
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Material Data

Weight	35 g
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Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Operating altitude (max.)	5000 m

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 61010-1 EN 61010-2-201 EN 61204-3 UL 61010-1 UL 61010-2-201 UL HazLoc

Commercial data

ETIM 8.0	EC002498
ETIM 7.0	EC002498
PU (SPU)	1 pcs
Packaging type	box
Country of origin	VN
GTIN	4055143905701
Customs tariff number	85176200000

Environmental Product Compliance


RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates



General approvals

Certificate


Subject to changes. Please also observe the further product documentation!

Logo	Approval	Additional Approval Text	name
	UL Underwriters Laboratories Inc.	UL 61010-2-201	UL-US- L175199- 14- 42709102- 1_UL-CA- L175199- 44- 42709102- 2

Declarations of conformity and manufacturer's declarations


Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas


Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Optional accessories

Tool

Operating tool			
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured		www.wago.com/210-720

Marking accessories

Marking strip			
	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white		www.wago.com/2009-110

Subject to changes. Please also observe the further product documentation!

Marker carrier



Item no.: 2789-1233
Marker carrier; for WMB or marking strips; Length: 33 mm

www.wago.com/2789-1233

Marker



Item no.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-115

Downloads
Documentation

Manual

Product Manual IO-Link Communication Module	V 1.0.0 2023 May 4	pdf 3.5 MB	Download
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Bid Text

2789-9080_EUSA X81 - Datei	2019 Jul 4	xml 5.1 kB	Download
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2789-9080_EUSA docx - Datei	2019 Jul 4	docx 19.9 kB	Download
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ausschreiben.de 2789-9080		URL	Download
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Instruction Leaflet

WAGO Kommunikationsmodul IO-Link Kommunikationsmodul für die Stromversorgung Pro 2	V 1.1.0 2019 Jul 17	pdf 2.9 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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Libraries

Library

WagoLibPowerSupply Library for Power supply Pro 2	1.1.3 2020 Aug 31	zip 793.3 kB	Download
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Engineering-Software

WAGO IO-Link Configurator

WAGO IO-Link Configurator	V5.1.1-6618 2022 Feb 16	ZIP 91.8 MB	Download
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WAGO IO-Link Configurator allows configuration, parameterization, operation and monitoring of WAGO IO-Link Masters in the WAGO I/O System 750 and WAGO I/O System Field, and especially of the WAGO IO-Link devices connected to them.

Additionally, WAGO IO-Link Configurator can be used for complete configuration and operation of all IO-Link devices of third-party manufacturers, as long as they comply with the IO-Link specification. A product's process data can be visualized graphically and stored in trend curves. Up to eight elements can be selected for visualization, and the data can be recorded for up to 24 hours.

Device description files for the IO-Link Masters (IOLM) or IO-Link Devices (IODD) can be used to integrate new devices into the tool at any time. Convenient access to the IO-Link user organization's IODDfinder is available for the IODDs. This allows automated, selective download of IODDs when integrating new IO-Link devices. An integrated IODD viewer allows detailed insight into the IODD device description.

WAGO IO-Link Configurator can be used either as a standalone program or integrated into engineering systems with a TCI interface and *WAGO-I/O-CHECK*.

IO-Link Configurator can also be used to integrate the IO-Link Master (750-657) of the WAGO I/O System 750 Series and to access all the configurator's functions. This is made possible by the WAGO I/O System 750 IO-Link Adapter, which can be retrofitted. The WAGO I/O System 750 IO-Link Adapter requires the current version of WAGO IO-Link Configurator and a current version of *WAGO-I/O-CHECK*.

In addition, the download file contains the device descriptions for the respective fieldbus systems of the WAGO I/O System Field modules. These are pre-installed in the Configurator setup.

The WAGO IO-Link Configurator license is assigned to the specific PC on which it is installed (a workstation license).

Register now and test our engineering software for 30 days at no cost.

CAD/CAE-Data

CAD data

2D/3D Models 2789-9080	URL	Download
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CAE data

EPLAN Data Portal 2789-9080	URL	Download
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ZUKEN Portal 2789-9080	URL	Download
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Environmental Product Compliance

Compliance Search

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Communication module; IO-Link; communication capability

Installation Notes

Product family

Pro 2

[Show all products from the family](#)

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