



## Item description

### Features:

- This communication module snaps onto Pro 2 Power Supplies' 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 Marker Cards (WMB) and WAGO Marking Strips

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



## Data

### Technical data

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 $I_i$	$\leq 0.015$ A
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
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 <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Line length (max.)	20 m (IO-Link)

### Physical data

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

### Mechanical data

Mounting type	Snaps onto a Pro 2 Power Supply's communication interface (X4)
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Subject to changes. Please also observe the further product documentation!

## Material data

Weight	35 g
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## Environmental requirements

Surrounding air temperature (operation)	-25 ... 70 °C
Surrounding air 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

PU (SPU)	1 Stück
Packaging type	box
Country of origin	VN
GTIN	4055143905701
Customs tariff number	85044082900

## Approvals / Certificates

### Ex-Approvals

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

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY)	UL 61010-2-201	E175199

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



LOCATIONS)

## Optional accessories

### 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](http://www.wago.com/2009-110)

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](http://www.wago.com/2009-115)

### 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](http://www.wago.com/210-720)

## Downloads

### Documentation

#### Bid Text

2789-9080_EUSA X81 - Datei	2019. 7. 4.	xml 5.1 kB	Download
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2789-9080_EUSA docx - Datei	2019. 7. 4.	docx 19.9 kB	Download
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#### Instruction Leaflet

WAGO Kommunikationsmodul IO-Link Kommunikationsmodul für die Stromversorgung Pro 2	V 1.1.0 2019. 7. 17.	pdf 2.9 MB	Download
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#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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Subject to changes. Please also observe the further product documentation!



## Libraries

### Library

WagoLibPowerSupply	1.1.3	zip	Download
Library for Power supply Pro 2	2020. 8. 31.	793.3 kB	

## Engineering-Software

### WAGO IO-Link Configurator

WAGO IO-Link Configurator	V5.1.1-6015	ZIP	Download
	2021. 8. 24.	159.6 MB	

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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Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2789-9080

URL

Download

Communication module; IO-Link; communication capability

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## Installation Notes

### Product family

Pro 2

[Show all products from the family](#)

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