



## 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

## Data

### Technical data

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

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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.



## 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 $I_i$	$\leq 0.015$ 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 <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

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

## 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

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

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

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



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

## Optional accessories

### Tool

	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
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### Marking accessories

	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>

## Downloads

### Documentation

#### Bid Text

2789-9080_EUSA X81 - Datei	04.07.2019	xml 5.1 kB	Download
2789-9080_EUSA docx - Datei	04.07.2019	docx 19.9 kB	Download

#### Instruction Leaflet

WAGO Kommunikationsmodul IO-Link Kommunikationsmodul für die Stromversorgung Pro 2	V 1.1.0 17.07.2019	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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## Libraries

### Library

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WagoLibPowerSupply	1.1.3	zip	Download
Library for Power supply Pro 2	31.08.2020	793.3 kB	

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## Engineering-Software

### WAGO IO-Link Configurator

WAGO IO-Link Configurator	V5.1.1	ZIP	Download
	17.12.2020	25.2 MB	

The WAGO IO-Link Configurator is standalone commissioning, configuration and management software for the WAGO Field I/O System's IO-Link Master and Hubs.

It supports all IO-Link devices per the IO-Link specification and allows automatic download of IODDs via integrated IODD Finder.

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

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## 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

Environmental Product Compliance 2789-9080	URL	Download
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Communication module; IO-Link; communication capability

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## Installation Notes

### Product family

**Pro 2**

[Show all products from the family](#)

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

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