

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

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	$\leq 0.015 \text{ A}$

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

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Phone: +49571 887-0 | Fax: +49571 887-169
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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 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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Material data

Weight	35 g
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Subject to changes. Please also observe the further product documentation!

Environmental requirements

Surrounding air temperature (operation)	-25 ... 70 °C
Surrounding air temperature (storage)	-40 ... 85 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Pollution degree	2
Operating altitude (max.)	5000 m

Standards and specifications


Conformity marking	CE
Standards/Specifications	EN 61010-1; EN 61010-2-201; EN 61204-3; EN 61000-6-2; EN 61000-6-3; UL 61010-1; UL 61010-2-201

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

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

Compatible products

Marking accessories

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

	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
	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
	Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/2009-115/000-002
	Item no.: 2009-115/000-006 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-115/000-006
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-115/000-007
	Item no.: 2009-115/000-012 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-115/000-012
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	www.wago.com/2009-115/000-017
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-115/000-023
	Item no.: 2009-115/000-024 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-115/000-024
tools		
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720

Downloads

Documentation

Bid Text

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

Instruction Leaflet

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WAGO Kommunikationsmodul IO-Link Kommunikationsmodul für die Stromversorgung Pro 2	V 1.1.0 17. 7. 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

WagoLibPowerSupply Library for Power supply Pro 2	V1.1.3 31. 8. 2020	zip 793.3 kB	Download
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Engineering-Software

WAGO IO-Link Configurator

WAGO IO-Link Configurator	V5.1.1 17. 12. 2020	ZIP 25.2 MB	Download
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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 IO-DDs via integrated IO-DD Finder.

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

Environmental Product Compliance 2789-9080

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Data sheet | Item number: 2789-9080

www.wago.com/2789-9080



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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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