

Data sheet | Item number: 2789-9080

Communication module; IO-Link; communication capability

www.wago.com/2789-9080



RoHS 
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Item description

Features:

- Communication module to snap onto communication interface of Pro 2 power supply
- IO-Link device; supports IO-Link specification 1.1
- Suitable for configuring and monitoring the subordinate power supply
- Function block for current control systems available on request
- Pluggable connection technology
- Marker slot for WAGO marking 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
Input current I_i	≤ 0.02 A

Signaling and communication

Signaling	1 x LED COM OK (green) 1 x LED ERR (red)
Communication	IO-Link
IO-Link-Version	1.1
Baud rate	230.4 kBd (COM 3)
Bit width	5 byte
Datenaktualisierungsrate	25 ms

Safety and protection:

Isolation	0.63 kV DC
Protection class	III
Protection class	IP20 (per EN 60529)

Connection data

Connection technology	CAGE CLAMP®
WAGO terminal	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
Max. line length	20 m (IO-Link)

Geometrical Data

Width	35 mm / 1.378 inch
Height	95 mm / 3.74 inch
Depth	22 mm / 0.866 inch
Note on dimensions	height including connector; depth in mounted state

Mechanical data

Type of mounting	Snap onto communication interface (X4) of Pro 2 power supply
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Material Data

Weight	35
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Environmental Requirements

Surrounding air (operating) temperature	-25 ... 70 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Pollution degree	2
Max. operating altitude	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 No.	85044082900

Approvals / Certificates

Ex-Approvals


Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	ANSI/ISA 12.12.01	E198726
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Compatible products

Marking accessories

	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
	Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; 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; on reel; 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; on reel; 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; on reel; 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; on reel; 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; on reel; 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; on reel; 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; on reel; 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	www.wago.com/210-720
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Downloads

Documentation

Bid Text

2789-9080 Power supply	docx 19.9 kB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
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Handling Instructions

Product family

Pro 2

[Show all products from the family](#)

Subject to changes.