



- 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

Technical data			
Input		Signaling and Communication	
Nominal input voltage $U_{i\text{nom}}$	24 VDC (SELV; via IO-Link Master)	Signaling	1 x COM OK LED (green) 1 x ERR LED (red)
Input voltage range	18 ... 30 VDC (SELV; via IO-Link Master)	Communications	IO-Link
		IO-Link version	1.1
		Transmission 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	
Cable length (max.)	20 m (IO-Link)
Connection 1	
WAGO connector	WAGO 721 Series
Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches



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

Mechanical data		
Mounting type		Snaps onto the communication interface (X4) of a Pro 2 Power Supply

Material data		
Fire load		0 MJ
Weight		35 g

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		
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		VN
Customs tariff number		85176200000

Product Classification		
UNSPSC		32151705
ETIM 9.0		EC002498
ETIM 10.0		EC002498
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant,With Exemption
RoHS Exemption		6(c) 7(a) 7(c)-I 7(c)-II

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
EAC UL					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	-	E175199	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas

UL

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2789-9080	

Documentation

Manual			
Product Manual IO-Link Communication Module	2684064907 5 en-US	pdf	
	2025-04-17 16:04	1380.95 KB	
	25.04.2025		
Instruction Leaflet			
WAGO Kommunikationsmodul IO-Link	V 2.0.0 25.04.2025	pdf 1078.09 KB	

Bid Text			
2789-9080_EUSA	04.07.2019	docx 19.43 KB	
2789-9080_EUSA	04.07.2019	xml 5.00 KB	
ausschreiben.de 2789-9080			



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2789-9080	EPLAN Data Portal 2789-9080
	
	ZUKEN Portal 2789-9080
	

Libraries			
Library			
WagoLibPowerSupply	1.1.3 31.08.2020	zip 806.67 KB	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marker



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

1.1.1.2 Marker carrier



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

1.1.1.3 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.2 Power supply
1.1.2.1 Power Supply



Item No.: 2787-2134
Power supply; Pro 2; 1-phase; 12 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

Item No.: 2787-2135
Power supply; Pro 2; 1-phase; 12 VDC output voltage; 15 A output current; TopBoost + PowerBoost; communication capability

Item No.: 2787-2146
Power supply; Pro 2; 1-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

Item No.: 2787-2146/000-030
Power supply; Pro 2; 1-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

1.1.2.1 Power Supply

**Item No.: 2787-2146/000-070**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2147**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2147/000-030**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3147/000-030**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability; Redundancy

**Item No.: 2787-2147/000-070**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2448**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability; Input voltage range: 200 ... 240 VAC

**Item No.: 2787-2448/000-030**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability; Input voltage range: 200 ... 240 VAC

**Item No.: 2787-3448/000-030**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability; Redundancy; Input voltage range: 200 ... 240 VAC

**Item No.: 2787-3448**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; Input voltage range 200 ... 240 VAC; communication capability; ORing

**Item No.: 2787-2448/000-070**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; Protection Coating; communication capability; Input voltage range: 200 ... 240 VAC

**Item No.: 2787-2144**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 5 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2144/000-030**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 5 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2144/000-070**

Power supply; Pro 2; 1-phase; 24 VDC output voltage; 5 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2157**

Power supply; Pro 2; 1-phase; 48 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2154**

Power supply; Pro 2; 1-phase; 48 VDC output voltage; 2.5 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2346**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2346/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3346/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2346/000-070**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2347**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2347/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3347/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability; Redundancy

**Item No.: 2787-2347/000-070**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2348**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2348/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3348/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability; Redundancy

**Item No.: 2787-2348/000-070**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2344**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 5 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2344/000-030**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 5 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2344/000-070**

Power supply; Pro 2; 3-phase; 24 VDC output voltage; 5 A output current; TopBoost + PowerBoost; Protection Coating; communication capability

**Item No.: 2787-2357**

Power supply; Pro 2; 3-phase; 48 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-2358**

Power supply; Pro 2; 3-phase; 48 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3347**

Power supply; Pro 2; Redundancy; 3-phase; 24 VDC output voltage; 20 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3348**

Power supply; Pro 2; Redundancy; 3-phase; 24 VDC output voltage; 40 A output current; TopBoost + PowerBoost; communication capability

**Item No.: 2787-3147**

Stromversorgung; Pro 2; 1-phasig; Ausgangsspannung DC 24 V; Ausgangsstrom 20 A; TopBoost + PowerBoost; kommunikationsfähig; ORing

**Item No.: 2787-2147/000-040**

Stromversorgung; Pro 2; 1-phasig; Ausgangsspannung DC 24 V; Ausgangsstrom 20 A; TopBoost + PowerBoost; Schutzlackierung; kommunikationsfähig



1.1.2.1 Power Supply



Item No.: 2787-2448/000-040
Stromversorgung; Pro 2; 1-phasig; Ausgangsspannung DC 24 V; Ausgangsstrom 40 A; TopBoost + PowerBoost; Schutzlackierung; kommunikationsfähig; Eingangsnennspannung AC 200 ... 240 V

Item No.: 2787-2144/000-040
Stromversorgung; Pro 2; 1-phasig; Ausgangsspannung DC 24 V; Ausgangsstrom 5 A; TopBoost + PowerBoost; Schutzlackierung; kommunikationsfähig

Item No.: 2787-3146/000-030
Switched-mode power supply; Pro 2; 1-phase; 24 VDC output voltage; 10 A output current; TopBoost + PowerBoost; communication capability; Redundancy

1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured