



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

| | |
|----------------------------------|------------------------------------------|
| Nominal input voltage U_{1nom} | DC 24 V (SELV; via IO-Link Master) |
| Input voltage range | DC 18 ... 30 V(SELV; via IO-Link Master) |
| Input current I_i | ≤ 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 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 inches |
| Cable length (max.) | 20 m (IO-Link) |

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 a Pro 2 Power Supply's communication interface (X4) |
|---------------|----------------------------------------------------------------|

Material data

| | |
|-----------|------|
| Fire load | 0 MJ |
| Weight | 35 g |

Environmental requirements

| | |
|-------------------------------------------|------------------------------------------|
| Ambient temperature (operation at U_N) | -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

| | |
|-----------------------|---------------|
| ETIM 8.0 | EC002498 |
| ETIM 7.0 | EC002498 |
| PU (SPU) | 1 Stück |
| Packaging type | Box |
| Country of origin | VN |
| GTIN | 4055143905701 |
| Customs tariff number | 85044082900 |

Approvals and certificates

General approvals



| Approval | Standard | Certificate name |
|--------------------------------------------------------------|----------------|------------------|
| UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 61010-2-201 | E175199 |

Approvals for hazardous areas



| 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

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

Instruction Leaflet

| | | | |
|---------------------------------------|-----------------------|-------------------|--|
| WAGO Kommunikati- onsmodul IO-Link | V 1.1.0 17.07.2019 | pdf 2873.83 KB | |
|---------------------------------------|-----------------------|-------------------|--|

CAD/CAE-Data

CAD data

2D/3D Models
2789-9080

CAE data

EPLAN Data Portal
2789-9080

ZUKEN Portal
2789-9080

Libraries

Library

| | | | |
|--------------------|---------------------|------------------|--|
| WagoLibPowerSupply | 1.1.3 31.08.2020 | zip 774.74 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 Marking strip



Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.2 Tool

1.1.2.1 Operating tool



Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured