



RoHS  Compliant

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## 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

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

- 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                     |
| Input current $I_i$                     | $\leq 0,02$ A                      |

#### Signaling and communication

|                          |                                             |
|--------------------------|---------------------------------------------|
| Signaling                | 1 x COM OK LED (green)<br>1 x ERR LED (red) |
| Communication            | IO-Link                                     |
| IO-Link-Version          | 1.1                                         |
| Baud rate                | 230,4 kBd (COM 3)                           |
| Data width               | 5 bytes                                     |
| Datenaktualisierungsrate | 25 ms                                       |

#### Safety and protection:

|                  |                     |
|------------------|---------------------|
| Isolation        | 0.63 kVDC           |
| Protection class | III                 |
| Protection type  | IP20 (per EN 60529) |

#### 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)                               |

#### Geometrical Data

|        |                    |
|--------|--------------------|
| Width  | 35 mm / 1.378 inch |
| Height | 95 mm / 3.74 inch  |

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

|                   |                                               |
|-------------------|-----------------------------------------------|
| Depth             | 22 mm / 0.866 inch                            |
| Note (dimensions) | Height with connector; Depth in mounted state |

## Mechanical data

|               |                                                              |
|---------------|--------------------------------------------------------------|
| Mounting type | Snap onto Pro 2 Power Supplies' communication interface (X4) |
|---------------|--------------------------------------------------------------|

## Material Data

|        |      |
|--------|------|
| Weight | 35 g |
|--------|------|

## 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<br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | ANSI/ISA 12.12.01        | E198726          |
|                                                                                    | UL<br>Underwriters Laboratories Inc. (HAZARDOUS            | UL 121201                | E198726          |

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



LOCATIONS)

## Compatible products

### Marking accessories

|                                                                                    |                                                                                                                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type; white                                                 |
|    | <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white               |
|    | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow      |
|    | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue        |
|    | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray        |
|   | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange      |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green       |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet      |

### tools

|                                                                                    |                                                                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  | <b>Item no.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|

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