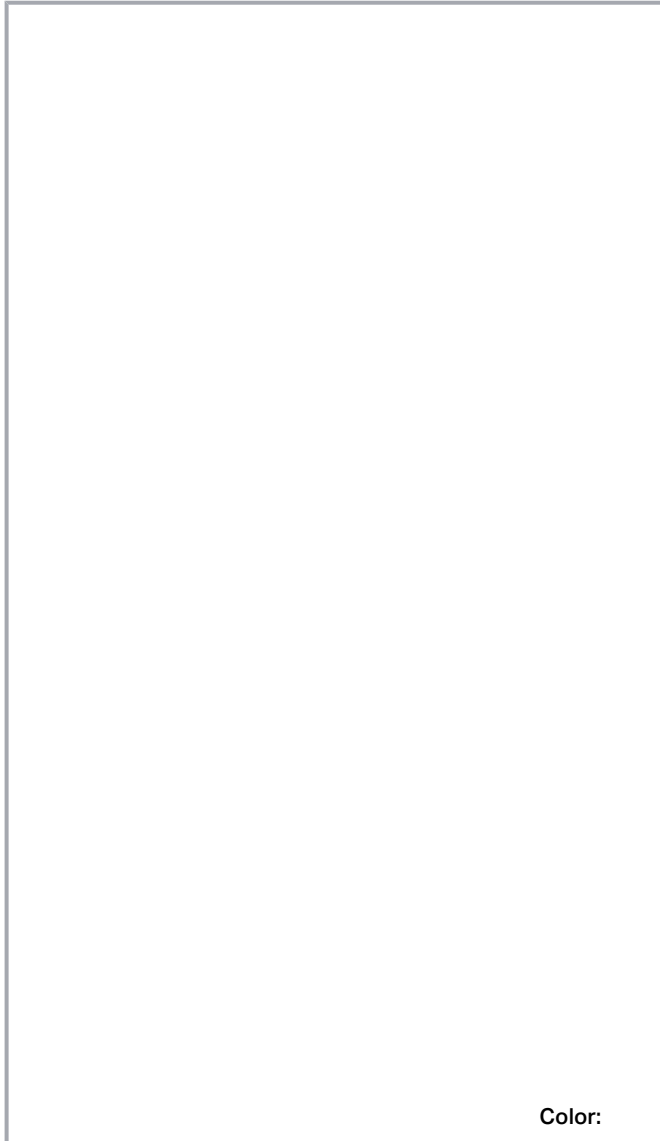


**Data sheet | Item number: 750-486**

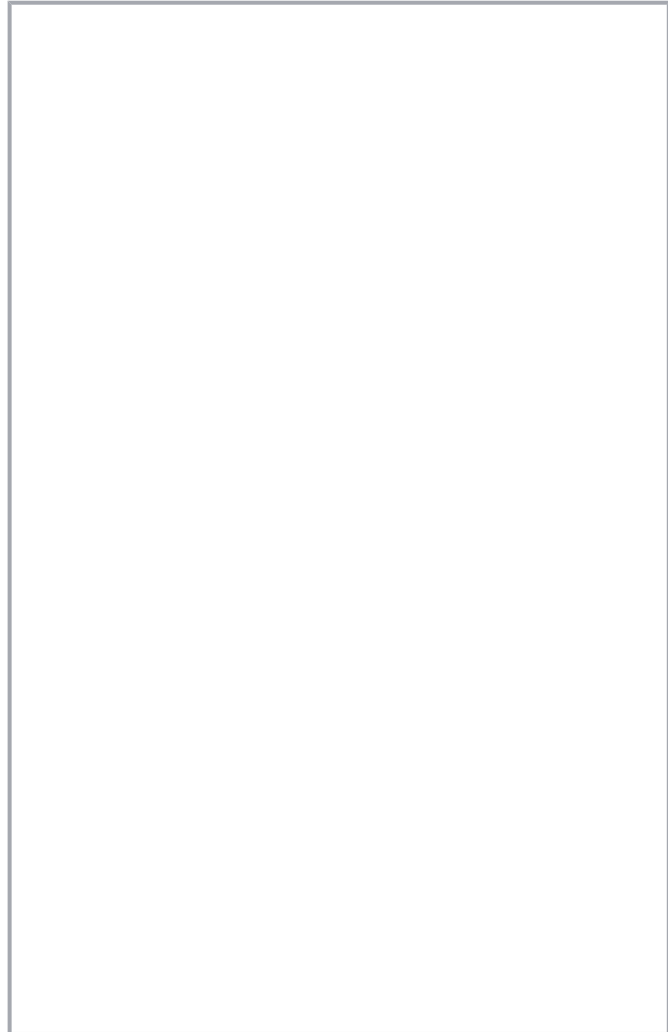
4-channel analog input; 0/4 ... 20 mA; Single-ended; NAMUR NE 43;

Intrinsically safe

[www.wago.com/750-486](http://www.wago.com/750-486)



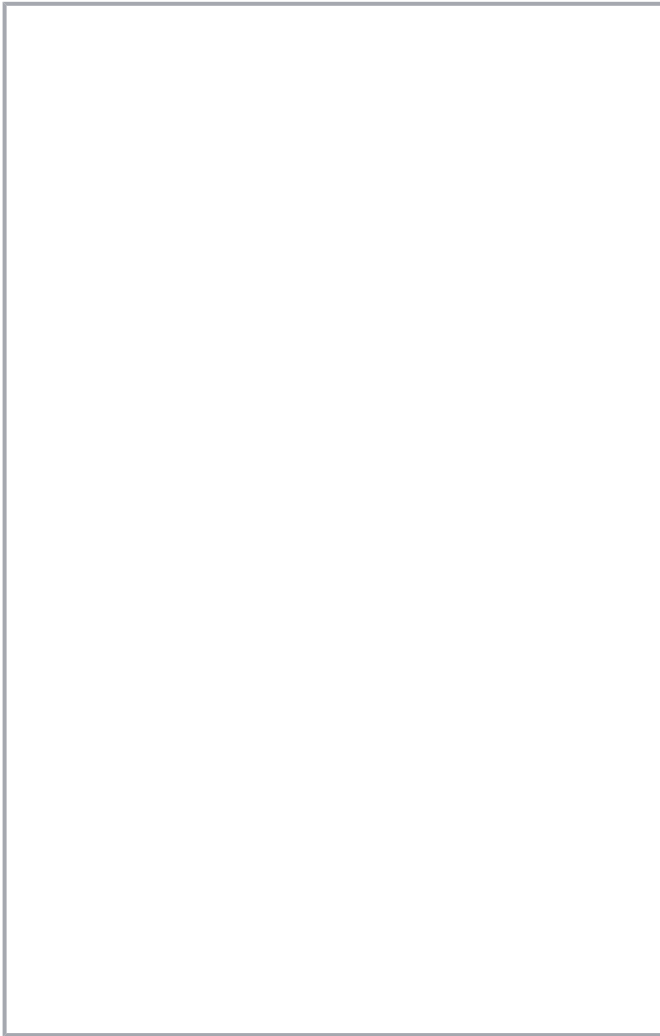
**Color:**



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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Item description

This analog input module powers the intrinsically safe signal conditioners located in the hazardous areas of Zone 0+1 and processes their analog signals.

The WAGO I/O System 750 must be installed either in Zone 2 or in a non-hazardous area.

The 24 V supply is derived from the module's power jumper contacts.

The transmitter supply is non-inherently electronically short-circuit-protected.

The shield directly connects to the DIN-rail.

Indicators:

- Green LED (availability ON/OFF)

—

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

---

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

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

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



- Red LED (measurement range overflow/underflow, wire breakage, short circuit)

Field and system levels are electrically isolated.

## Data Notes

|      |                                                                                                                               |
|------|-------------------------------------------------------------------------------------------------------------------------------|
| Note | The analog input module must only be operated via 24 VDC Ex i!                                                                |
|      | General information (e.g., installation regulations) on explosion protection is available in the WAGO I/O System 750 manuals! |

## Technical data

|                                                                  |                                                                                                                                                                |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of analog inputs                                          | 4                                                                                                                                                              |
| Total number of channels (module)                                | 4                                                                                                                                                              |
| Signal type                                                      | Current                                                                                                                                                        |
| Signal type (current)                                            | 0 ... 20 mADC; 4 ... 20 mADC                                                                                                                                   |
| Sensor connection                                                | 2 x (3-wire)                                                                                                                                                   |
| Signal characteristics                                           | Single-ended                                                                                                                                                   |
| Resolution [bit]                                                 | 12 bits                                                                                                                                                        |
| Conversion time (typ.)                                           | 10 ms                                                                                                                                                          |
| Measurement error (reference temperature)                        | 25 °C                                                                                                                                                          |
| Measurement error, deviation (max.) from the upper-range value   | 0.1 %                                                                                                                                                          |
| Temperature error (max.) of the upper-range value                | 0.01 %/K                                                                                                                                                       |
| Input resistance (max.)                                          | 200 Ω                                                                                                                                                          |
| Intrinsic safety Ex i                                            | Yes                                                                                                                                                            |
| Data width                                                       | 4 x 16-bit data; 4 x 8-bit control/status (optional)                                                                                                           |
| Configuration options                                            | WAGO-I/O-CHECK<br>e!COCKPIT                                                                                                                                    |
| Supply voltage (system)                                          | 5 VDC; via data contacts                                                                                                                                       |
| Current consumption (5 V system supply)                          | 45 mA                                                                                                                                                          |
| Supply voltage (field)                                           | 24 VDC; (Ex i power supply: $U_O = \text{max. } 27.3 \text{ V}$ ); via power jumper contacts (power supply via blade contact; transmission via spring contact) |
| Current consumption, field supply (module with no external load) | 19 mA                                                                                                                                                          |
| Power consumption $P_{\text{max}}$                               | 2.7 W                                                                                                                                                          |
| Power loss $P_l$                                                 | 1.5 W                                                                                                                                                          |

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



|                                                   |                                                                                               |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Isolation                                         | 300 VAC system/supply                                                                         |
| Number of incoming power jumper contacts          | 2                                                                                             |
| Number of outgoing power jumper contacts          | 2                                                                                             |
| Current carrying capacity (power jumper contacts) | 1 A                                                                                           |
| Indicators                                        | LED (A, E, C, G) green: Function AI 1 ... AI 4; LED (B, F, D, H) red: Error AI 1 ... AI 4     |
| Marking                                           | ATEX/IECEx: II 3 (1) G Ex ec [ia Ga] IIC T4 Gc; II (1) D [Ex ia Da] IIIC; I (M1) [Ex ia Ma] I |

## Explosion protection

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| Ex standard                    | EN IEC 60079-0, -7, -11                                                                                  |
| Safety-relevant data (circuit) | $U_o = 27.3 \text{ V}$ ; $I_o = 98.4 \text{ mA}$ ; $P_o = 0.672 \text{ W}$ ; linear characteristic curve |
| Reactances Ex ia IIC           | $L_o = 970 \mu\text{H}$ ; $C_o = 88 \text{ nF}$                                                          |
| Reactances Ex ia IIB           | $L_o = 13 \text{ mH}$ ; $C_o = 683 \text{ nF}$                                                           |
| Reactances Ex ia IIA           | $L_o = 22 \text{ mH}$ ; $C_o = 2.28 \mu\text{F}$                                                         |
| Reactances Ex ia I             | $L_o = 31 \text{ mH}$ ; $C_o = 3.6 \mu\text{F}$                                                          |
| Reactances (note)              | Reactances without accounting for the concurrence of capacitance ( $C_o$ ) and inductance ( $L_o$ )      |

## Connection data

|                                       |                                              |
|---------------------------------------|----------------------------------------------|
| Connection technology: inputs/outputs | 16 x CAGE CLAMP®                             |
| Connection type 1                     | Inputs/outputs                               |
| Solid conductor                       | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Fine-stranded conductor               | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Strip length                          | 8 ... 9 mm / 0.31 ... 0.35 inches            |

## Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 24 mm / 0.945 inches   |
| Height                            | 100 mm / 3.937 inches  |
| Depth                             | 67.8 mm / 2.669 inches |
| Depth from upper-edge of DIN-rail | 60.6 mm / 2.386 inches |

## Mechanical data

|               |             |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

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



## Material data

|                    |                              |
|--------------------|------------------------------|
| Color              | blue                         |
| Housing material   | Polycarbonate; polyamide 6.6 |
| Fire load          | 2.033 MJ                     |
| Weight             | 116 g                        |
| Conformity marking | CE                           |

## Environmental requirements

|                                                                                    |                                       |
|------------------------------------------------------------------------------------|---------------------------------------|
| Ambient temperature (operation)                                                    | 0 ... +55 °C                          |
| Ambient temperature (storage)                                                      | -25 ... +85 °C                        |
| Protection type                                                                    | IP20                                  |
| Pollution degree                                                                   | 2 per IEC 61131-2                     |
| Operating altitude                                                                 | 0 ... 2000 m / 0 ... 6562 ft          |
| Mounting position                                                                  | horizontal (standing/lying); vertical |
| Relative humidity (without condensation)                                           | 95 %                                  |
| Vibration resistance                                                               | per IEC 60068-2-6                     |
| Shock resistance                                                                   | 15g per IEC 60068-2-27                |
| EMC immunity to interference                                                       | per EN 61000-6-2, marine applications |
| EMC emission of interference                                                       | per EN 61000-6-3, marine applications |
| Exposure to pollutants                                                             | per IEC 60068-2-42 and IEC 60068-2-43 |
| Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 % | 10 ppm                                |
| Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %  | 25 ppm                                |

## Commercial data

|                       |             |
|-----------------------|-------------|
| eCl@ss 10.0           | 27-24-26-01 |
| eCl@ss 9.0            | 27-24-26-01 |
| ETIM 8.0              | EC001596    |
| ETIM 7.0              | EC001596    |
| Recupel Type          |             |
| PU (SPU)              | 1 pcs       |
| Packaging type        | Box         |
| Country of origin     | DE          |
| Customs tariff number | 85389099990 |

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

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



## Environmental Product Compliance

|                                           |                                           |
|-------------------------------------------|-------------------------------------------|
| CAS-No.                                   | 1303-86-2<br>1317-36-8<br>7439-92-1       |
| REACH Candidate List Substance            | Diboron trioxide<br>Lead<br>Lead monoxide |
| RoHS Compliance Status                    | Compliant, With Exemption                 |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II         |
| SCIP notification number (Austria)        | 549055d6-6f9f-4c9d-b855-7486a1d6cb3a      |
| SCIP notification number (Belgium)        | 7c5e0ec5-4b5c-495e-85ab-8c4b17d0b137      |
| SCIP notification number (Bulgaria)       | 485c2c34-1cda-4cc4-a49f-bdbe01d8d580      |
| SCIP notification number (Czech Republic) | 474cd881-197a-4e7f-9d9d-56ae52483311      |
| SCIP notification number (Denmark)        | 7f8cc8a2-4c17-4246-901a-f36a098de931      |
| SCIP notification number (Finland)        | 7602d62b-94b5-44a6-8da6-ccfea8ef5ecf      |
| SCIP notification number (France)         | 60a2160b-b980-4efb-ba16-b12cd1cabb0d      |
| SCIP notification number (Germany)        | 9e11c3b8-9702-4919-a91b-bda35f90810c      |
| SCIP notification number (Hungary)        | 8119bf7f-3b21-48b7-ab84-a594bf80a530      |
| SCIP notification number (Italy)          | 40b21ee0-9bc8-486f-9958-c6e22e9afb1b      |
| SCIP notification number (Netherlands)    | 97e4e9f6-cc3f-4289-9a68-d071c0e6fa99      |
| SCIP notification number (Poland)         | f0ea8734-9828-4e42-86bd-3c858df8aa95      |
| SCIP notification number (Romania)        | 8d08dea9-f978-4ce4-9dc1-dcf3e759b55f      |
| SCIP notification number (Sweden)         | c378fdab-274a-422c-a91c-1e8be031c67d      |

## Commercial data

|                       |
|-----------------------|
| eCl@ss 9.0            |
| ETIM 8.0              |
| ETIM 7.0              |
| Customs tariff number |

## Approvals / Certificates

### General approvals

| Logo | Approval                                      | Additional Approval Text | Certificate name  |
|------|-----------------------------------------------|--------------------------|-------------------|
|      | <b>EAC</b><br>Brjansker Zertifizierungsstelle | TP TC 020/2011           | EAC RU C-DE.AM02. |

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

B.00087  
/19

|                                                                  |                        |                             |
|------------------------------------------------------------------|------------------------|-----------------------------|
| <b>KC</b><br>National Radio Research Agency                      | Article 58-2, Clause 3 | MSIP-<br>REM-W43-<br>AIM750 |
| <b>UL</b><br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 61010-2-201         | E175199                     |
| <b>UL</b><br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | -                      | E175199                     |

## Declarations of conformity and manufacturer's declarations

| Logo | Approval                                                  | Additional Approval Text | Certificate name |
|------|-----------------------------------------------------------|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

## Approvals for marine applications

| Logo | Approval                                  | Additional Approval Text | Certificate name      |
|------|-------------------------------------------|--------------------------|-----------------------|
|      | <b>ABS</b><br>American Bureau of Shipping | -                        | 22-2219060            |
|      | <b>DNV</b><br>DNV GL SE                   | DNV-CG-0339,Aug.2021     | TAA0000194            |
|      | <b>KR</b><br>Korean Register of Shipping  | -                        | KR HMB05880-<br>AC001 |
|      | <b>LR</b><br>Lloyds Register EMEA         | -                        | LR22180952TA          |
|      | <b>PRS</b><br>Polski Rejestr Statków      | -                        | TE/2236/880590<br>/19 |
|      | <b>RINA</b><br>RINA Germany GmbH          | -                        | ELE343521XG001        |

## Approvals for hazardous areas

| Logo | Approval                                      | Additional Approval Text | Certificate name                                                                          |
|------|-----------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------|
|      | <b>ATEX</b><br>TUEV Nord Cert GmbH            | EN 60079-0               | TUEV_12_ATEX_106032X<br>(Ex ec[iaGa] IIC T4 Gc, [Ex<br>iaDa] IIIC, [Ex iaMa] I)           |
|      | <b>CCC</b><br>CNEX                            | CNCA-C23-01              | 2020312310000211 (Ex<br>ec[iaGa] IIC T4 Gc, [Ex<br>iaDa] IIIC, [Ex iaMa] I)               |
|      | <b>EAC</b><br>Brjansker Zertifizierungsstelle | TP TC 012/2011           | EAC RU C-DE.AM02.B.<br>00163/19 ([ExiaMa]I X,2Ex<br>e[iaGa]IIC T4Gc X,[ExiaDa]<br>IIIC X) |
|      | <b>INMETRO</b><br>-                           | -                        | TÜV_14.1911_X                                                                             |

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



|                                                                   |                              |                                                                         |
|-------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------|
| TÜV Rheinland do Brasil Ltda.                                     |                              |                                                                         |
| <b>KTL</b><br>Korea Testing Laboratory                            | KOSHA Article 34, IEC60079-0 | 20-KA4BO-0606X                                                          |
| <b>TUEV Nord</b><br>TUEV Nord Cert GmbH                           | IEC 60079, IEC 60079-0       | IECEx TUN 12.0039X (Ex ec[iaGa] IIC T4 Gc, [Ex iaDa] IIIC, [Ex iaMa] I) |
| <b>UL</b><br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | UL 121201                    | E198726 Sec.1                                                           |

## Optional accessories

### Shield termination

|                                                                                                               |  |                                                                |
|---------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|
| Shield clamping saddles                                                                                       |  |                                                                |
| <b>Item no.: 790-116</b><br>Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm |  | <a href="http://www.wago.com/790-116">www.wago.com/790-116</a> |
| <b>Item no.: 790-124</b><br>Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm |  | <a href="http://www.wago.com/790-124">www.wago.com/790-124</a> |
| <b>Item no.: 790-108</b><br>Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm  |  | <a href="http://www.wago.com/790-108">www.wago.com/790-108</a> |
| <b>Item no.: 790-140</b><br>Shield clamping saddle; diameter of compatible conductor                          |  | <a href="http://www.wago.com/790-140">www.wago.com/790-140</a> |
| <b>Item no.: 790-216</b><br>Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm                                 |  | <a href="http://www.wago.com/790-216">www.wago.com/790-216</a> |
| <b>Item no.: 790-220</b><br>Shield clamping saddle; 30 mm wide; 6 ... 20 mm                                   |  | <a href="http://www.wago.com/790-220">www.wago.com/790-220</a> |
| <b>Item no.: 790-208</b><br>Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm                                  |  | <a href="http://www.wago.com/790-208">www.wago.com/790-208</a> |

### Marking accessories

|                                                                                                                                                 |  |                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|
| Marker carrier                                                                                                                                  |  |                                                                                  |
| <b>Item no.: 750-103</b><br>Group marker carrier                                                                                                |  | <a href="http://www.wago.com/750-103">www.wago.com/750-103</a>                   |
| Marker                                                                                                                                          |  |                                                                                  |
| <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue |  | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
| <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white        |  | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                 |
| <b>Item no.: 2009-145/000-002</b>                                                                                                               |  |                                                                                  |

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





Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow [www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)

**Item no.: 2009-145/000-007** [www.wago.com/2009-145/000-007](http://www.wago.com/2009-145/000-007)  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

**Item no.: 2009-145/000-005** [www.wago.com/2009-145/000-005](http://www.wago.com/2009-145/000-005)  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

**Item no.: 2009-145/000-012** [www.wago.com/2009-145/000-012](http://www.wago.com/2009-145/000-012)  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

**Item no.: 2009-145/000-023** [www.wago.com/2009-145/000-023](http://www.wago.com/2009-145/000-023)  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

**Item no.: 2009-145/000-024** [www.wago.com/2009-145/000-024](http://www.wago.com/2009-145/000-024)  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

**Item no.: 248-501/000-006** [www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

**Item no.: 248-501/000-007** [www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

**Item no.: 248-501/000-002** [www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

**Item no.: 248-501/000-012** [www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

**Item no.: 248-501** [www.wago.com/248-501](http://www.wago.com/248-501)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

**Item no.: 248-501/000-017** [www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

**Item no.: 248-501/000-005** [www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

**Item no.: 248-501/000-024** [www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

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



|                                                                                                                                                      |                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green                                      | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a> |
| Group marker carrier                                                                                                                                 |                                                                                |
| <b>Item no.: 750-107</b><br>Group marker carrier                                                                                                     | <a href="http://www.wago.com/750-107">www.wago.com/750-107</a>                 |
| <b>Supply module</b>                                                                                                                                 |                                                                                |
| Supply module                                                                                                                                        |                                                                                |
| <b>Item no.: 750-625/000-001</b><br>Power Supply; 24 VDC; Intrinsically safe                                                                         | <a href="http://www.wago.com/750-625/000-001">www.wago.com/750-625/000-001</a> |
| <b>Item no.: 750-606</b><br>Power Supply; 24 VDC; Diagnostics; Intrinsically safe                                                                    | <a href="http://www.wago.com/750-606">www.wago.com/750-606</a>                 |
| <b>Carrier rail</b>                                                                                                                                  |                                                                                |
| Mounting accessories                                                                                                                                 |                                                                                |
| <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored                     | <a href="http://www.wago.com/210-197">www.wago.com/210-197</a>                 |
| <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored                | <a href="http://www.wago.com/210-198">www.wago.com/210-198</a>                 |
| <b>Item no.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored        | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a>                 |
| <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored      | <a href="http://www.wago.com/210-505">www.wago.com/210-505</a>                 |
| <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored       | <a href="http://www.wago.com/210-506">www.wago.com/210-506</a>                 |
| <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored         | <a href="http://www.wago.com/210-508">www.wago.com/210-508</a>                 |
| <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                  | <a href="http://www.wago.com/210-113">www.wago.com/210-113</a>                 |
| <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                 | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a>                 |
| <b>Item no.: 210-112</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored | <a href="http://www.wago.com/210-112">www.wago.com/210-112</a>                 |
| <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored                   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a>                 |
| <b>Item no.: 210-115</b>                                                                                                                             |                                                                                |

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



Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; [www.wago.com/210-115](http://www.wago.com/210-115)  
silver-colored

**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored [www.wago.com/210-196](http://www.wago.com/210-196)

**Downloads****Documentation****Data sheet**

|                                         |  |          |          |
|-----------------------------------------|--|----------|----------|
| 750-486, 0/4–20 mA NE43 Ex i, Datasheet |  | pdf      | Download |
|                                         |  | 217.1 kB |          |

**Manual**

|                                                                              |                         |        |          |
|------------------------------------------------------------------------------|-------------------------|--------|----------|
| System Manual WAGO I/O System 750/753<br>Decentralized Automation Technology | V 3.3.3<br>2023 年8月29 日 | pdf    | Download |
|                                                                              |                         | 8.7 MB |          |

|                                    |                         |        |          |
|------------------------------------|-------------------------|--------|----------|
| Product Manual 4AI 0/4–20 mA, Ex i | V 1.1.2<br>2020 年1月21 日 | pdf    | Download |
|                                    |                         | 5.6 MB |          |

**Bid Text**

|                        |              |        |          |
|------------------------|--------------|--------|----------|
| 750-486<br>X81 - Datei | 2019 年2月19 日 | xml    | Download |
|                        |              | 6.6 kB |          |

|                        |              |         |          |
|------------------------|--------------|---------|----------|
| 750-486<br>doc - Datei | 2017 年10月6 日 | doc     | Download |
|                        |              | 32.8 kB |          |

**Instruction Leaflet**

|                                                                 |              |          |          |
|-----------------------------------------------------------------|--------------|----------|----------|
| CCC Ex (Additional information)<br>WAGO-I/O-SYSTEM 750-*** Ex i | 2023 年4月26 日 | pdf      | Download |
|                                                                 |              | 147.4 kB |          |

**System Description**

|                                                         |  |          |          |
|---------------------------------------------------------|--|----------|----------|
| 750/753 Series I/O-System – General Product Information |  | pdf      | Download |
|                                                         |  | 976.2 kB |          |

|               |  |          |          |
|---------------|--|----------|----------|
| Ex i Overview |  | pdf      | Download |
|               |  | 233.9 kB |          |

|                                           |  |          |          |
|-------------------------------------------|--|----------|----------|
| Overview on WAGO-I/O-SYSTEM 750 approvals |  | pdf      | Download |
|                                           |  | 223.5 kB |          |

**Additional Information**

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



Disposal and Recycling  
Electrical and electronic equipment, Batteries, Packaging

V 1.1.0  
2022 年8月18 日

pdf  
2.2 MB

[Download](#)

## CAD/CAE-Data

### CAD data

|                      |                     |                          |
|----------------------|---------------------|--------------------------|
| 2D/3D Models 750-486 | <a href="#">URL</a> | <a href="#">Download</a> |
|----------------------|---------------------|--------------------------|

### CAE data

|                           |                     |                          |
|---------------------------|---------------------|--------------------------|
| EPLAN Data Portal 750-486 | <a href="#">URL</a> | <a href="#">Download</a> |
|---------------------------|---------------------|--------------------------|

|                        |                     |                          |
|------------------------|---------------------|--------------------------|
| WSCAD Universe 750-486 | <a href="#">URL</a> | <a href="#">Download</a> |
|------------------------|---------------------|--------------------------|

|                      |                     |                          |
|----------------------|---------------------|--------------------------|
| ZUKEN Portal 750-486 | <a href="#">URL</a> | <a href="#">Download</a> |
|----------------------|---------------------|--------------------------|

## Installation Notes

## Product family

**WAGO I/O System 750/753**  
[Show all products from the family](#)

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.