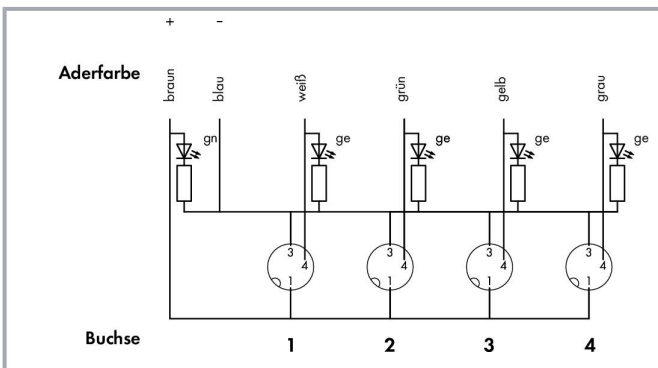
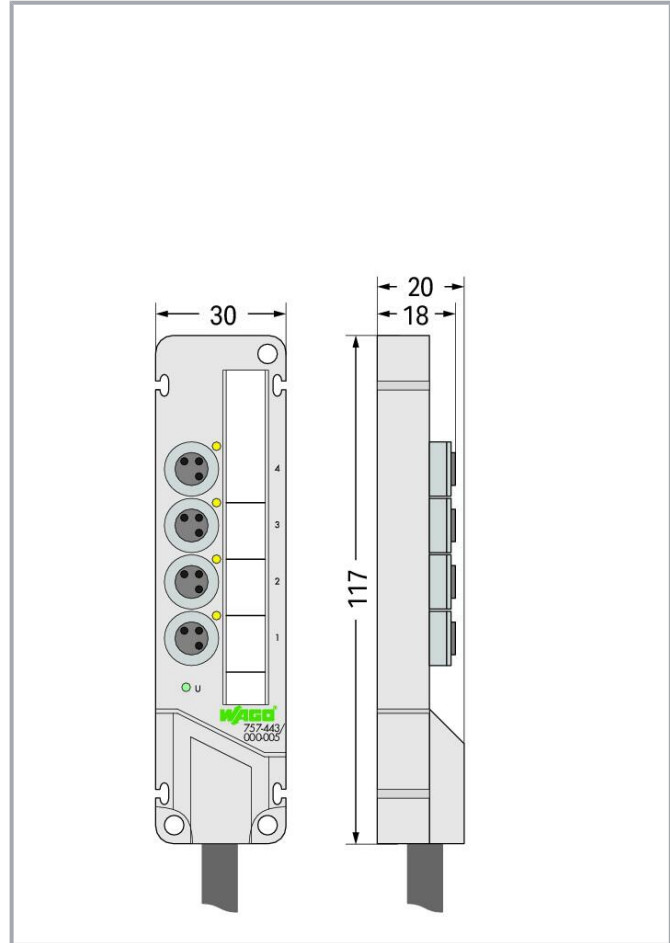
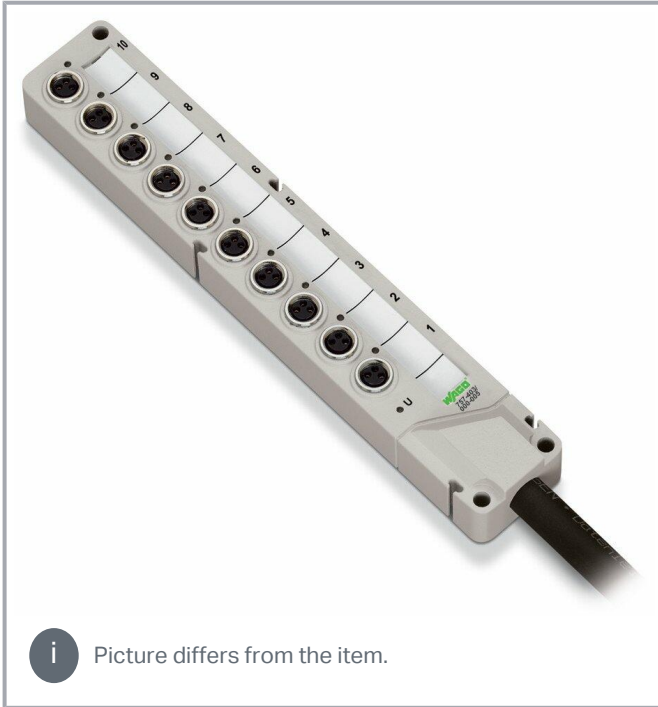


Data sheet | Item number: 757-443/000-010
M8 sensor/actuator box; 4-way; 3-pole; 10 m

www.wago.com/757-443/000-010



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

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Item description

- M8 sensor/actuator box, 4-way
- 3-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking strips (WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

Data

Technical data

| | |
|--|---|
| Contact resistance (max.) | 0.01 Ω |
| Supply voltage | 10 ... 30 VDC; Rated voltage: 32 V ~ rms |
| Current carrying capacity (signal connections) | 2 A |
| Current carrying capacity (supply connections) | 6 A |
| Rated value of electrical isolation | 500 V |
| Functionally separated potential groups | Kontakt/Kontakt |
| Insulation resistance | 1000 M Ω |
| Signal characteristics | PNP |
| Indicators | LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status |

Connection data

| | |
|---------------------------------------|---|
| Connection technology: inputs/outputs | 4 x M8 socket; 3-pole |
| Connection technology: trunk cable | 1 x Fixed connecting cable |
| Length of connection cable | 10 m |
| Strip length | 100 mm / 3.94 inches |
| Wire colors | white, green, yellow, gray, brown, blue |
| Cable design | Wire cross-section: 0.34 mm ² ; Wire cross-section (2): 0.75 mm ² |

Physical data

| | |
|--------|-----------------------|
| Width | 30 mm / 1.181 inches |
| Height | 20 mm / 0.787 inches |
| Depth | 117 mm / 4.606 inches |

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Mechanical Data

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
| Weight | 660 g |

Material Data

| | |
|--|---|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| Sheathed cable diameter | 6.4 mm |
| Bending radius | 10 x cable diameter (min.) for flexible application |
| Material properties of the connections | Contact: CuSn, nickel base-coat plating and 0.8 µm gold-plated; Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating cycles |
| Sheath material | PUR |
| Sheathed cable color | black |
| Encapsulation | Fully encapsulated with conformal coating (UL 94 V0) |

Environmental requirements

| | |
|---|--|
| Ambient temperature (operation) | -25 ... +80 °C |
| Ambient (operating) temperature (dynamic) | -5 ... +80 °C |
| Ambient (operating) temperature (static) | -40 ... +80 °C |
| Protection type | IP68 |
| Note on protection type | 72 h at a depth of 1 m under water per EN 60529 in the fully locked position with its plugs or protective caps |
| Pollution degree | 3 per VDE 0110 |
| Vibration resistance | per IEC 60068-2-6 |
| Shock resistance | per IEC 60068-2-27 |

Commercial data

| | |
|-------------------|---------------|
| eCl@ss 10.0 | 27-44-01-08 |
| eCl@ss 9.0 | 27-44-01-08 |
| ETIM 8.0 | EC002585 |
| ETIM 7.0 | EC002585 |
| PU (SPU) | 1 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4044918978590 |

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| | |
|-----------------------|-------------|
| Customs tariff number | 85366990990 |
|-----------------------|-------------|

Environmental Product Compliance

| | |
|---|--------------------------------------|
| CAS-No. | 7439-92-1 |
| REACH Candidate List Substance | Lead |
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 6(c) |
| SCIP notification number (Austria) | 5e4a8a1f-575c-444d-9bab-a8a961f6ae28 |
| SCIP notification number (Belgium) | ce946312-abb6-491f-b4cd-462702d54f5f |
| SCIP notification number (Bulgaria) | ec132e08-795e-4d19-8535-7203ec467d3d |
| SCIP notification number (Czech Republic) | 36f5b99a-9821-4972-82d6-0d4fe91003e9 |
| SCIP notification number (Denmark) | 068ce511-32cd-4caa-9106-dba6ae645844 |
| SCIP notification number (Finland) | 9ea65916-b7e6-41f3-8351-ff719c5d9a9d |
| SCIP notification number (France) | 14753018-fba2-43e1-9e74-3ded0e401932 |
| SCIP notification number (Germany) | 01d804cc-6cc8-40ba-83f7-7c29000039a8 |
| SCIP notification number (Hungary) | 2dd7ecc6-189b-45c2-96ee-da910f46a80f |
| SCIP notification number (Italy) | 025005dd-b5f9-43db-a7e5-0b3a24fc6ccb |
| SCIP notification number (Netherlands) | 97415edd-aff6-4e23-8aa9-efa158fd8d41 |
| SCIP notification number (Poland) | 76aec4d0-a658-47f3-a896-4f61d287724b |
| SCIP notification number (Romania) | b6d854a2-14c0-4b71-addd-9d4ecf56b8fe |
| SCIP notification number (Sweden) | 75997b5d-37b4-48ed-8046-63ba2fcffd0b |

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | UL UL International Germany GmbH (ORDINARY LOCATIONS) | UL 508 | E175199 Sec.5 |

Optional accessories

Marking accessories

Marking strip



Item no.: 757-041

Marking strips; cut to a defined length; not stretchable; plain; snap-on type

www.wago.com/757-041

Marking devices

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| | | |
|---|---|--|
|  | Item no.: 210-110 Fiber-tip pen | www.wago.com/210-110 |
|---|---|--|

Mounting

| | | |
|--------------------|--|--|
| Intermediate plate | | |
|--------------------|--|--|

| | | |
|--|--|--|
|  | Item no.: 757-040 Spacer module for sensor/actuator box; 4-way | www.wago.com/757-040 |
|--|--|--|

Cover

| | | |
|-------|--|--|
| Cover | | |
|-------|--|--|

| | | |
|---|--|--|
|  | Item no.: 756-8101 M8 protective cap; for unused sockets | www.wago.com/756-8101 |
|---|--|--|

Downloads

Documentation

Additional Information

| | | | |
|---|-------------|--------|----------|
| Disposal and Recycling | V 1.1.0 | pdf | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 Aug 18 | 2.2 MB | |

System Description

| | | | |
|---|--|----------|----------|
| Sensor/Actuator Boxes – General Product Information | | pdf | Download |
| | | 438.6 kB | |

CAD/CAE-Data

CAD data

| | | |
|------------------------------|-----|----------|
| 2D/3D Models 757-443/000-010 | URL | Download |
|------------------------------|-----|----------|

CAE data

| | | |
|-----------------------------------|-----|----------|
| EPLAN Data Portal 757-443/000-010 | URL | Download |
|-----------------------------------|-----|----------|

| | | |
|--------------------------------|-----|----------|
| WSCAD Universe 757-443/000-010 | URL | Download |
|--------------------------------|-----|----------|

| | | |
|-----------------------------------|-----|----------|
| EPLAN Data Portal 757-443/000-010 | URL | Download |
|-----------------------------------|-----|----------|

| | | |
|--------------------------------|-----|----------|
| WSCAD Universe 757-443/000-010 | URL | Download |
|--------------------------------|-----|----------|

| | | |
|------------------------------|-----|----------|
| ZUKEN Portal 757-443/000-010 | URL | Download |
|------------------------------|-----|----------|

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 757-443/000-010

URL

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M8 sensor/actuator box; 4-way; 3-pole; 10 m

Installation Notes

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