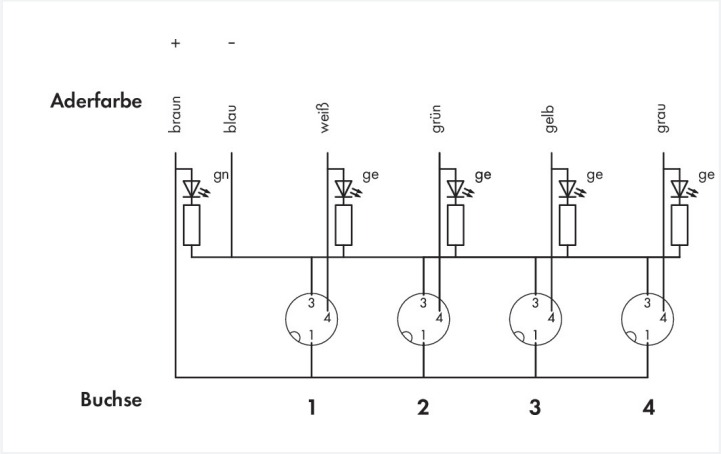
# Data Sheet | Item Number: 757-443/000-010

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

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



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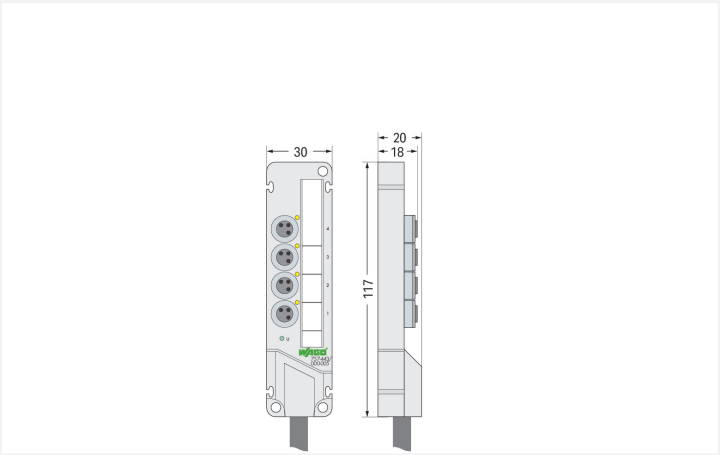


- M8 sensor/actuator box, 4-way
- 3-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking strips (WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

| 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 | >$10^9$ Ω |
| Signal characteristics | PNP |
| Indicators | LED yellow: Signal status (1 x per contact); LED (U) green: Sensor/actuator box status |


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## Connection data

| | |
|---|---|
| Connection technology: I/O | 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 mm²; Wire cross-section: 0.75 mm² |

## Physical data

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

## Mechanical data

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

## Material data

| | |
|---|---|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| 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 … +90 °C |
| Protection type | IP68 |
| Note on protection type | 72 hours at a depth of 1 meter underwater 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

| | |
|---|---|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4044918978590 |
| Customs tariff number | 85366990990 |


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## Product Classification

| | |
|---|---|
| UNSPSC | 39121421 |
| eCl@ss 10.0 | 27-44-01-08 |
| eCl@ss 9.0 | 27-44-01-08 |
| ETIM 9.0 | EC002585 |
| ETIM 10.0 | EC002585 |
| ECCN | NO US CLASSIFICATION |

## Environmental Product Compliance

| | |
|---|---|
| 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

| Approval | Standard | Certificate Name |
|---|---|---|
| UL<br>UL International Germany GmbH (ORDINARY LOCATIONS) | UL 508 | E175199 Sec.5 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance
757-443/000-010

## Documentation

### System Description

| | | |
|---|---|---|
| Sensor/Actuator Boxes – General Product Information | pdf<br>428.34 KB | |

## CAD/CAE-Data

### CAD data

| | |
|---|---|
| 2D/3D Models<br>757-443/000-010 | |

### CAE data

| | |
|---|---|
| EPLAN Data Portal<br>757-443/000-010 | |
| WSCAD Universe<br>757-443/000-010 | |
| ZUKEN Portal<br>757-443/000-010 | |

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Cover

##### 1.1.1.1 Cover



Item No.: 756-8101
M8 protective cap; for unused sockets

#### 1.1.2 Installation

##### 1.1.2.1 Intermediate plate



Item No.: 757-040
Spacer module for sensor/actuator box; 4-way

#### 1.1.3 Marking

##### 1.1.3.1 Marking device



Item No.: 210-110
Fiber-tip pen

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### 1.1.3.2 Marking strip



Item No.: 757-041
Marking strips; cut to a defined length; not stretchable; plain; snap-on type