

Data sheet | Item number: 757-443/000-010

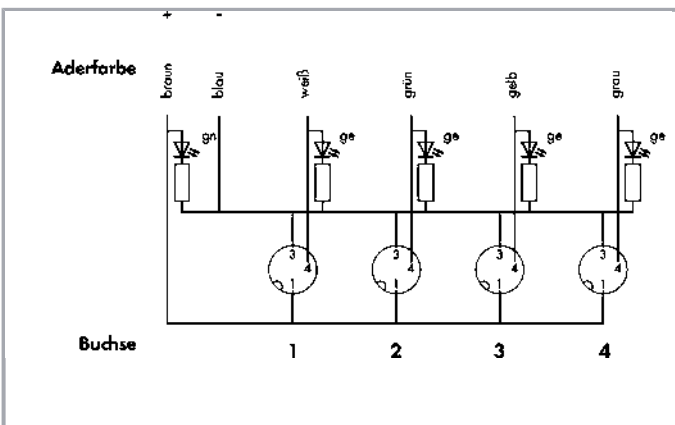
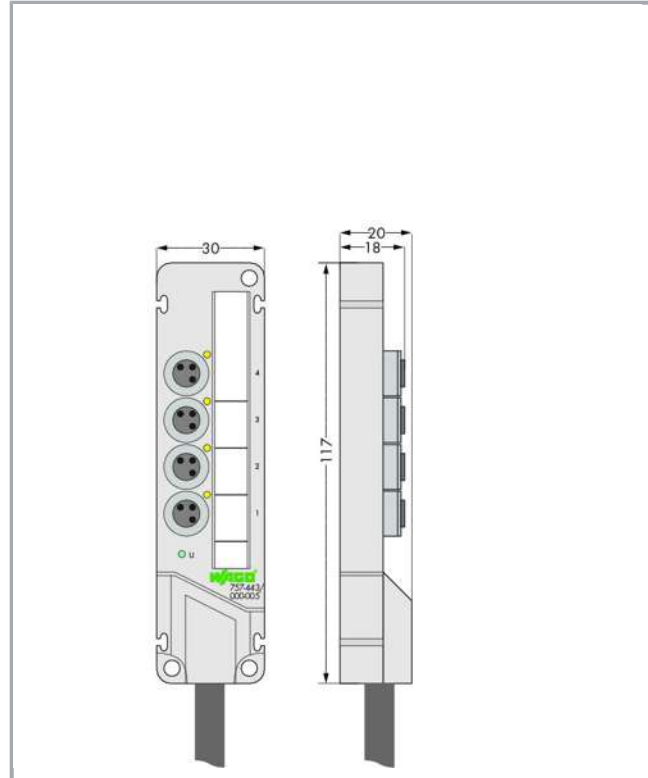
M8 sensor/actuator box; 4-way; 3-pole; 10m connecting cable

www.wago.com/757-443_000-010



RoHS Compliant

BOMcheck.net



Item description

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

WAGO Kontakttechnik GmbH & Co. KG
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Phone: +49571 887-0 | Fax: +49571 887-169
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We are always happy to take your call at +49 (571) 887-44222.



- 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. marker strips (WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

Data

Technical Data

| | |
|---|---|
| Contact resistance max. | 0.01 Ω |
| Supply voltage | DC 10 ... 30 V; Rated voltage: 32 V ~ rms |
| Current carrying capacity of the signal connections | 2 A |
| Current carrying capacity of the supply connections | 6 A |
| Bemessungswert der galvanischen Trennung | 500 V |
| Funktional getrennte Potentialgruppen | Kontakt/Kontakt |
| Insulation resistance | 1000 M Ω |
| Signal characteristic | PNP |
| Indicators | LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status |

Connection data

| | |
|------------------------------------|---|
| Connection technology: In-/Outputs | 4 x M8 socket; 3-pole |
| Connection technology: trunk cable | 1 x Fixed connecting cable |
| Length of the connecting cable | 10 m |
| Strip length | 100 mm / 3.94 inch |
| Colors of the leads | white, green, yellow, gray, brown, blue |
| Conductor cross section | Wire cross-section: 0,34 mm ² ; Wire cross-section (2): 0,75 mm ² |

Geometrical Data

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

Mechanical data

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

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Material Data

| | |
|--------------------------------------|--|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| Cable diameter | 6,4 mm |
| bending radius | 10 x cable diameter (min.) for flexible application |
| Materialeigenschaften der Anschlüsse | 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 |
| Color of sheathed cable | black |
| Potting | Fully encapsulated with conformal coating (UL 94 V0) |

Environmental Requirements


| | |
|---|--|
| Surrounding air (operating) temperature | -25 ... 80 °C |
| Umgebungstemperatur (Betrieb) bewegt | -5 ... +80 °C |
| Umgebungstemperatur (Betrieb) ruhend | -40 ... +80 °C |
| Protection class | IP68 |
| Note on protection class | 72 h at a depth of 1 m under water per EN 60529 in the fully locked position with its plugs or protective caps |
| Degree of pollution (5) | 3 per VDE 0110 |
| Vibration resistance | per IEC 60068-2-6 |
| Shock resistance | per IEC 60068-2-27 |

Commercial data

| | |
|--------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4044918978590 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

UL-Approvals

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

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Counterpart

Compatible products

General accessories

| | | |
|--|--|--|
|  | Item no.: 756-8101 M8 protective cap; for unused sockets; - | www.wago.com/756-8101 |
|  | Item no.: 757-040 Spacer module for sensor/actuator box; 4-way | www.wago.com/757-040 |

Marking accessories

| | | |
|--|--|--|
|  | Item no.: 210-110 Fiber-tip pen | www.wago.com/210-110 |
|  | Item no.: 757-041 Marking strips; cut to a defined length; not stretchable; plain; snap-on type; white | www.wago.com/757-041 |

Downloads

Documentation

Additional Information

| | | | |
|--|---------|-----------------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf 265.8 kB | Download |
|--|---------|-----------------|----------|

System Description

| | | | |
|---|--|-----------------|----------|
| Sensor/Actuator Boxes – General Product Information | | pdf 537.3 kB | Download |
|---|--|-----------------|----------|

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

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Installation Notes

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