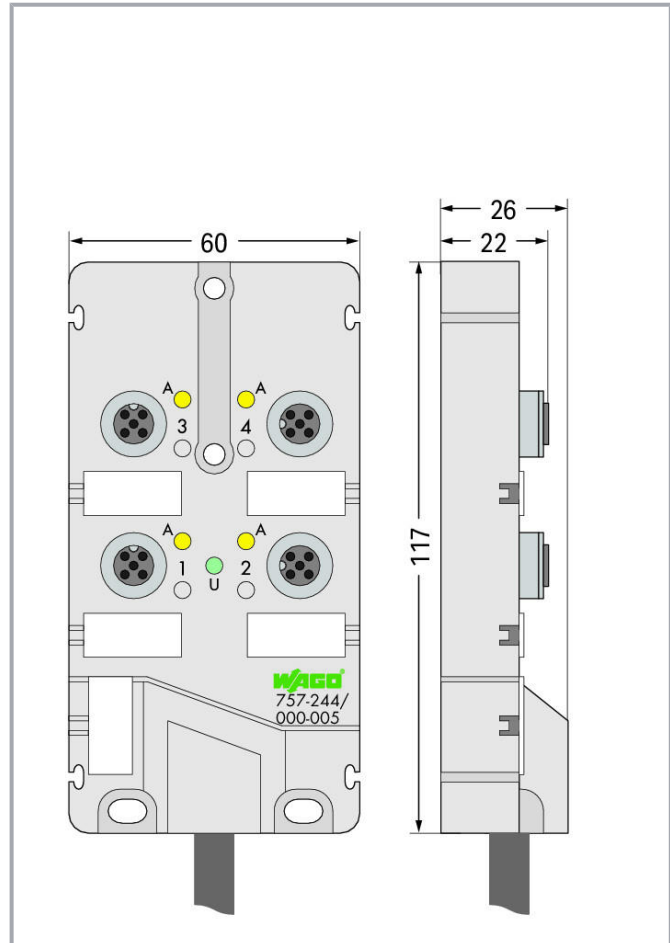


Data sheet | Item number: 757-244/000-010

M12 sensor/actuator box; 4-way; 4-pole; 10m connecting cable

www.wago.com/757-244/000-010

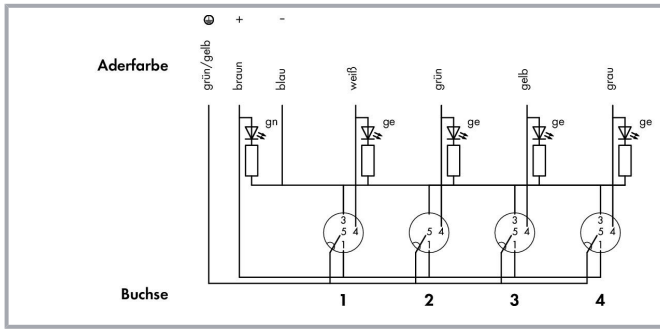


 Picture differs from the item.

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

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Item description

- M12 sensor/actuator box, 4-way
- 4-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. markers (10 pcs)
- incl. M12 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) | 9 A |
| Rated value of electrical isolation | 500 V |
| Functionally separated potential groups | Kontakt/Kontakt |
| Insulation resistance | 1000 M Ω |
| Signal characteristic | PNP |
| Indicators | LED (A) yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status |

Connection data

| | |
|---------------------------------------|--------------------------------------|
| Connection technology: inputs/outputs | 4 x M12 socket; 4-pole; incl. ground |
| Connection technology: trunk cable | 1 x Fixed connecting cable |
| Length of connecting cable | 10 m |
| Strip length | 100 mm / 3.94 inch |

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



| | |
|--------------|--|
| Wire colors | white, green, yellow, gray, green/yellow, brown, blue |
| Cable design | Wire cross-section: 0.34 mm ² ; Wire cross-section 2: 1 mm ² |

Physical data

| | |
|--------|---------------------|
| Width | 60 mm / 2.362 inch |
| Height | 26 mm / 1.024 inch |
| Depth | 117 mm / 4.606 inch |

Mechanical data

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

Material data

| | |
|--|--|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| Sheathed cable diameter | 7.5 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

| | |
|---|--|
| Surrounding air temperature (operation) | -25 ... 80 °C |
| Surrounding air (operating) temperature (dynamic) | -5 ... +80 °C |
| Surrounding air (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 (5) | 3 per VDE 0110 |
| Vibration resistance | per IEC 60068-2-6 |
| Shock resistance | per IEC 60068-2-27 |

Commercial data

| | |
|---------------|----------------------------------|
| Product Group | 23 (I/O passive and accessories) |
| PU (SPU) | 1 Stück |

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| | |
|-----------------------|---------------|
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4045454028282 |
| Customs tariff number | 85366990990 |



Approvals / Certificates

UL-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.: 757-011 Marker card; not stretchable; snap-on type; white | | www.wago.com/757-011 |
| Marking device | | | |
|  | Item no.: 210-110 Fiber-tip pen | | www.wago.com/210-110 |

Downloads

Documentation

System Description

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

Additional Information

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

CAD/CAE-Data

CAE data

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



| | | |
|-----------------------------------|---------------------|--------------------------|
| EPLAN Data Portal 757-244/000-010 | URL | Download |
| WSCAD Universe 757-244/000-010 | URL | Download |
| ZUKEN Portal 757-244/000-010 | URL | Download |
| WSCAD Universe 757-244/000-010 | URL | Download |
| EPLAN Data Portal 757-244/000-010 | URL | Download |
| CAD data | | |
| 2D/3D Models 757-244/000-010 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|--|---------------------|--------------------------|
| Environmental Product Compliance 757-244/000-010 | URL | Download |
| M12 sensor/actuator box; 4-way; 4-pole; 10m connecting cable | | |

Installation Notes

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