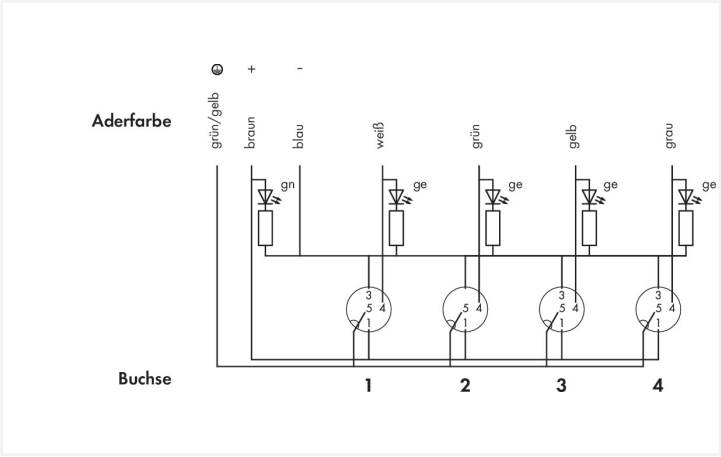
# Data Sheet | Item Number: 757-244/000-010

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

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



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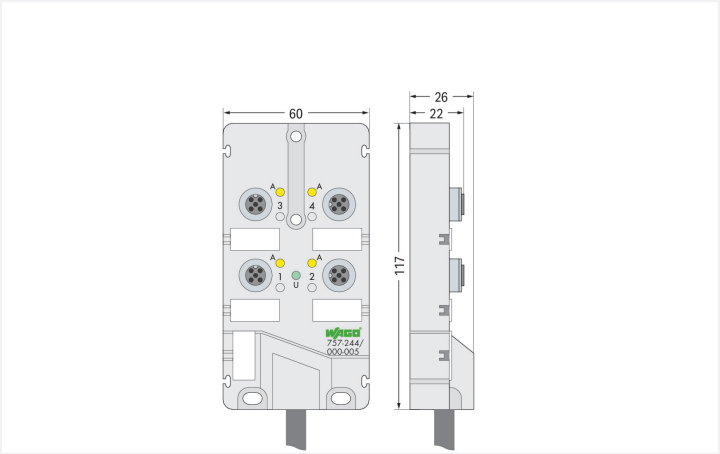


- M12 sensor/actuator box, 4-way
- 4-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. markers (10 pcs)
- incl. M12 protective caps (2 pcs)

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

## Connection Data

| | |
|---|---|
| Connection technology: I/O | 4 x M12 socket; 4-pole; incl. ground |
| 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, green/yellow, brown, blue |
| Cable design | Wire cross-section: 0.34 mm²; Wire cross-section: 1 mm² |

## Physical data

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

## Mechanical data

| | |
|---|---|
| Mounting type | Screw mount |
| Weight | 988 g |

## 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

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

| | |
|---|---|
| Product Group | 23 (I/O passive and accessories) |
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454028282 |
| 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) | a3929a91-faa3-4eda-a41d-9c6bd9473d6f |
| SCIP notification number (Belgium) | 829e7725-9eeb-4803-8587-922c9be14ac6 |
| SCIP notification number (Bulgaria) | ec886539-e203-4916-89ec-cfea053df5a7 |
| SCIP notification number (Czech Republic) | 87dfbb59-6ee3-494f-99e7-9f95557c1876 |
| SCIP notification number (Denmark) | a79fb81e-cdd8-4e02-9f60-ce0e2492395a |
| SCIP notification number (Finland) | f63f84c2-ea02-447d-b462-9534c2bff76b |
| SCIP notification number (France) | 0bb898e3-4def-4e42-b6bd-bda3475090e7 |
| SCIP notification number (Germany) | f80f9f95-38bd-4815-b355-472e174ceb43 |
| SCIP notification number (Hungary) | 23bec2a2-12da-46de-8ac6-8ac707513a74 |
| SCIP notification number (Italy) | 80de0836-9a0f-4f8d-bc19-c7582b28557f |
| SCIP notification number (Netherlands) | ac5f637a-e76f-4baa-9226-81829e08f852 |
| SCIP notification number (Poland) | 0fc71859-356a-4820-b196-ea7ea5e70b7f |
| SCIP notification number (Romania) | c5958a5f-4b2a-4675-bda5-2308492180d4 |
| SCIP notification number (Sweden) | 408c9a5e-70f9-4237-abbe-a1d4067a7a5c |

## 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 757-244/000-010


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## Documentation

### System Description

| | | |
|---|---|---|
| Sensor/Actuator Boxes – General Product Information | pdf 428.34 KB | ⬇ |

## CAD/CAE-Data

### CAD data

| | |
|---|---|
| 2D/3D Models 757-244/000-010 | ⬇ |

### CAE data

| | |
|---|---|
| EPLAN Data Portal 757-244/000-010 | ⬇ |
| WSCAD Universe 757-244/000-010 | ⬇ |
| ZUKEN Portal 757-244/000-010 | ⬇ |

# 1 Compatible Products

## 1.1 Optional Accessories

### 1.1.1 Cover

#### 1.1.1.1 Cover



Item No.: 756-8102
M12 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

### 1.1.3.2 Marking strip



Item No.: 757-011
Marker card; not stretchable; snap-on type