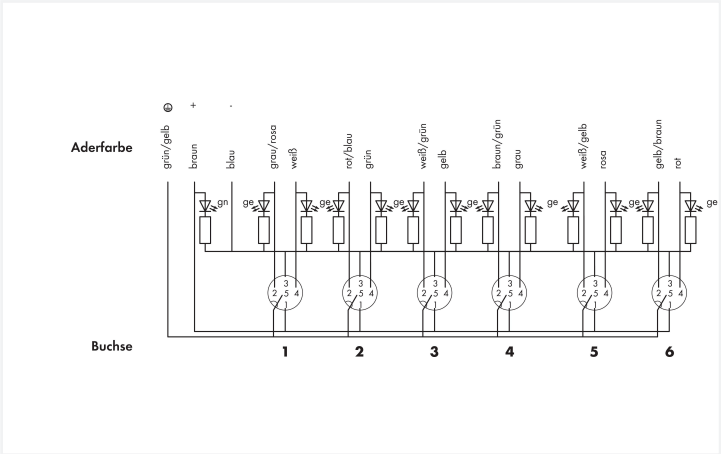
# Data Sheet | Item Number: 757-265/000-005

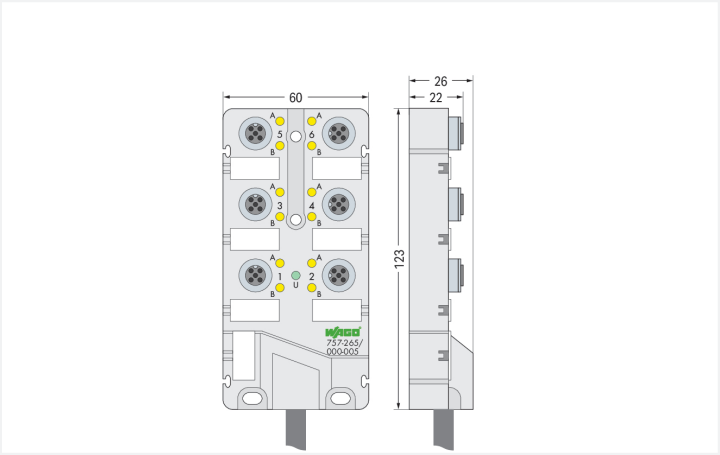
M12 sensor/actuator box; 6-way; 5-pole; 5 m

https://www.wago.com/757-265/000-005






Similar to illustration




- M12 sensor/actuator box, 6-way
- 5-pole (2 signals 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, B) yellow: Signal status (2 x per contact); LED (U) green: Sensor/actuator box status |

## Connection Data

| | |
|---|---|
| Connection technology: I/O | 6 x M12 socket; 5-pole; incl. ground |
| Connection technology: trunk cable | 1 x Fixed connecting cable |
| Length of connection cable | 5 m |
| Strip length | 100 mm / 3.94 inches |
| Wire colors | white, gray/pink, green, red/blue, yellow, white/green, gray, brown/green, pink, white/yellow, red, yellow/brown, 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 | 123 mm / 4.843 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | Screw mount |
| Weight | 765 g |

## Material data

| | |
|---|---|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| Sheathed cable diameter | 8.8 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

| | |
|---|---|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454028435 |
| Customs tariff number | 85366990990 |


Continued on next page

## 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) | 2eb66d1b-6991-495c-ad10-38e69d5154fa |
| SCIP notification number (Belgium) | 2a2dc253-6b57-49e4-a021-af5899e2744f |
| SCIP notification number (Bulgaria) | 62a93f5a-c5e4-48d9-bf27-17b48433ad6e |
| SCIP notification number (Czech Republic) | 9f6d6b09-d8fd-4852-af8c-6d9e52ba1272 |
| SCIP notification number (Denmark) | b1668a49-df84-4079-b59e-38c98b90b983 |
| SCIP notification number (Finland) | 1878923c-895c-4dee-85cf-ff5a42e46c34 |
| SCIP notification number (France) | ffb6fb8f-5226-4b7f-96f6-efb8ad3644ec |
| SCIP notification number (Germany) | 35a75273-97e0-481f-b501-9826779b9943 |
| SCIP notification number (Hungary) | 58c82b32-0695-4fe8-8b81-74b9e5c89753 |
| SCIP notification number (Italy) | e4891afd-7b42-47cf-bba4-caf3f878c5e0 |
| SCIP notification number (Netherlands) | 98d3ab4d-299d-4785-bd7d-197cdf373499 |
| SCIP notification number (Poland) | e59da7b5-10be-47a5-b36f-dd24bfc7d4c8 |
| SCIP notification number (Romania) | 61788465-1a3c-4cb8-a58e-2af8d02057c9 |
| SCIP notification number (Sweden) | b0172599-0227-403c-8a73-7e4516d7c7dd |

## 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
757-265/000-005


Continued on next page

## Documentation

### System Description

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

## CAD/CAE-Data

### CAD data

| | |
|---|---|
| 2D/3D Models 757-265/000-005 | |

### CAE data

| | |
|---|---|
| EPLAN Data Portal 757-265/000-005 | |
| WSCAD Universe 757-265/000-005 | |
| ZUKEN Portal 757-265/000-005 | |

## 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.: 757-060
Spacer module for sensor/actuator box; 6-way

#### 1.1.3 Marking

##### 1.1.3.1 Marking device



Item No.: 210-110
Fiber-tip pen

 Continued on next page

### 1.1.3.2 Marking strip



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