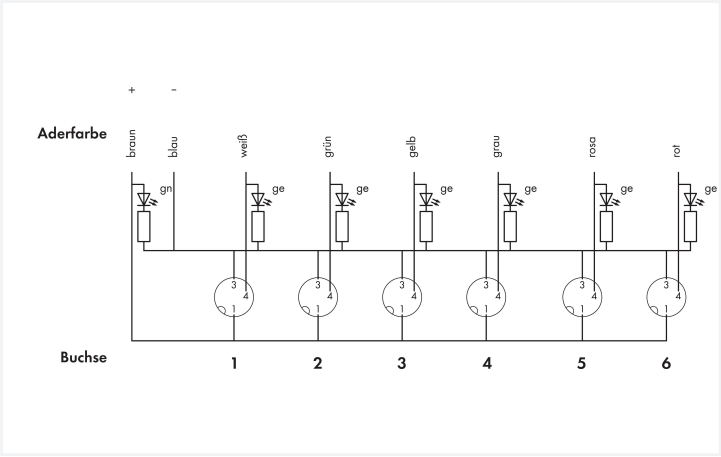
# Data Sheet | Item Number: 757-463/000-005

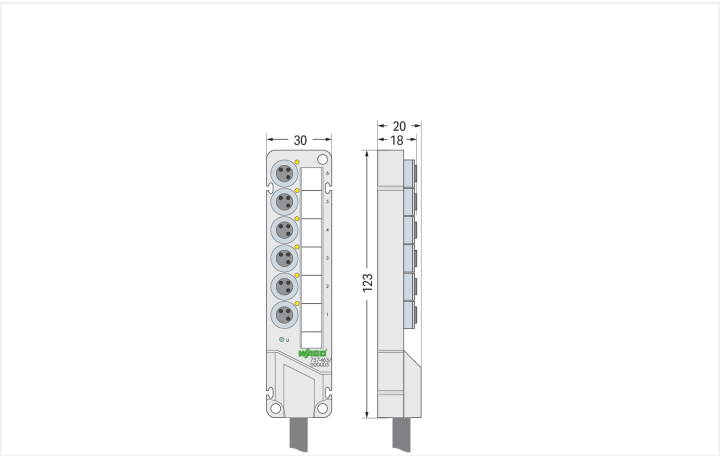
M8 sensor/actuator box; 6-way; 3-pole; 5 m

https://www.wago.com/757-463/000-005






Similar to illustration




- M8 sensor/actuator box, 6-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 |

## Connection Data

| | |
|---|---|
| Connection technology: I/O | 6 x M8 socket; 3-pole |
| 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, green, yellow, gray, pink, red, 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 | 123 mm / 4.843 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | Screw mount |
| Weight | 423 g |

## Material data

| | |
|---|---|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| Halogen-free | Yes |
| Sheathed cable diameter | 7.2 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 | 4044918978613 |
| 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) | f2d3e329-c2a1-4ff2-b213-3bba2a1ec5fc |
| SCIP notification number (Belgium) | c7e97ca3-9a60-406e-99b9-3671ff111e26 |
| SCIP notification number (Bulgaria) | 01e14f6c-358b-4607-bc65-424731381bdf |
| SCIP notification number (Czech Republic) | 9645b4e6-aa04-4c0a-8952-ba9366ba1387 |
| SCIP notification number (Denmark) | 7c5f8e4d-2e6c-4df2-b4b6-eb40cdc8e979 |
| SCIP notification number (Finland) | be1251ae-a3f0-428d-b23e-5dcbce888fb6 |
| SCIP notification number (France) | dad94402-86d6-4e70-a109-2ee1ef75cc27 |
| SCIP notification number (Germany) | 9df93ee5-6d59-402a-87c6-c22380899814 |
| SCIP notification number (Hungary) | 936406fa-f426-4191-90df-6ec4cce27e5b |
| SCIP notification number (Italy) | 177e1674-5e6b-4fe9-b545-922a816da0dc |
| SCIP notification number (Netherlands) | b010862f-eefd-480b-9d91-4a132712e826 |
| SCIP notification number (Poland) | b5cb45b8-533c-483d-a266-de14efbaa246 |
| SCIP notification number (Romania) | daa19b77-deb5-4358-8ce6-ec55313897d2 |
| SCIP notification number (Sweden) | 7cc36e04-fbfc-4483-9947-26e43416ef83 |

## 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
757-463/000-005


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
757-463/000-005

### CAE data

EPLAN Data Portal
757-463/000-005

WSCAD Universe
757-463/000-005

ZUKEN Portal
757-463/000-005

## 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.: 757-060
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.: 757-061
Marking strips; cut to a defined length; not stretchable; plain; snap-on type