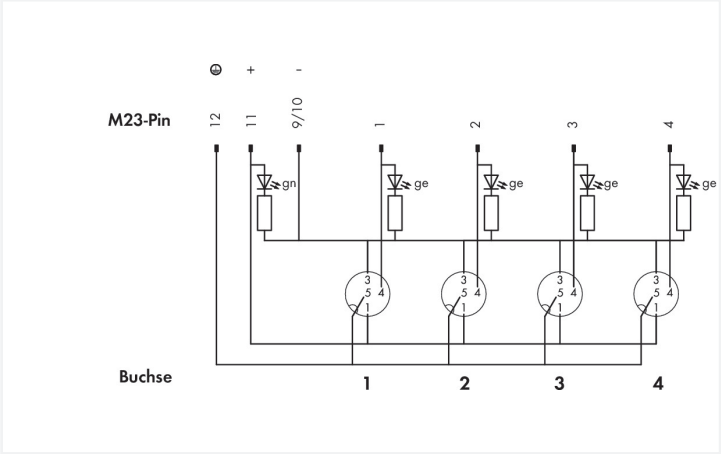
# Data Sheet | Item Number: 757-144

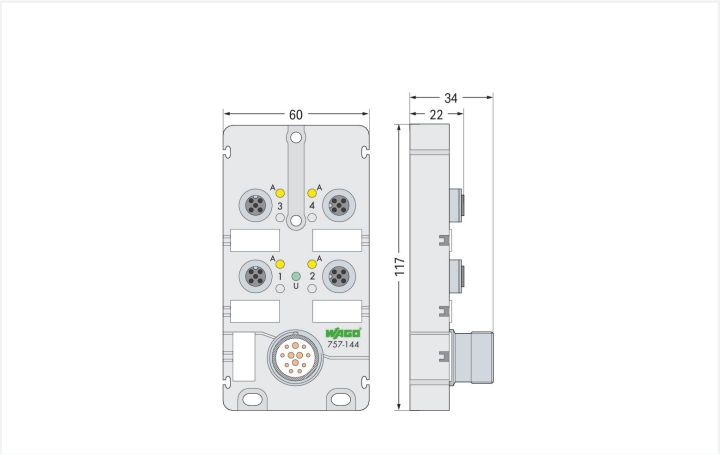
M12 sensor/actuator box; 4-way; 4-pole; M23 connector

https://www.wago.com/757-144






Similar to illustration




- M12 sensor/actuator box, 4-way
- 4-pole (1 signal per contact)
- M23 connector (12-pole)
- 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 M23 plug; 12-pole |

## Physical data

| | |
|---|---|
| Width | 60 mm / 2.362 inches |
| Height | 34 mm / 1.339 inches |
| Depth | 117 mm / 4.606 inches |

## Mechanical data

| | |
|---|---|
| Mounting type | Screw mount |
| Weight | 180 g |

## Material data

| | |
|---|---|
| Housing material | PA 66 (UL 94 V0); RAL 7035; silicon and halogen free |
| 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 |
| Encapsulation | Fully encapsulated with conformal coating (UL 94 V0) |

## Environmental requirements

| | |
|---|---|
| Ambient temperature (operation) | -25 … +80 °C |
| Protection type | IP67 |
| Note on protection type | Per EN 60529 (NEMA 6 & 6P) 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 | 4050821054276 |
| Customs tariff number | 85366990990 |

## Product Classification

| | |
|---|---|
| UNSPSC | 39121421 |
| eCl@ss 10.0 | 27-44-01-11 |
| eCl@ss 9.0 | 27-44-01-08 |
| ETIM 9.0 | EC003558 |
| ETIM 10.0 | EC003558 |
| ECCN | NO US CLASSIFICATION |


Continued on next page

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 6(c) |
| SCIP notification number (Austria) | 521501e5-8661-4271-b133-1d4e44b9c5eb |
| SCIP notification number (Belgium) | d653339a-4fc0-43cf-893b-026271c83bb0 |
| SCIP notification number (Bulgaria) | 8ec1ffac-62f2-4a1b-8c77-5f363fae5116 |
| SCIP notification number (Czech Republic) | 8f24dcab-1033-4cc8-9549-0d88953303f3 |
| SCIP notification number (Denmark) | d05f88a0-7aa0-41e5-aaa0-ce353d67a4dc |
| SCIP notification number (Finland) | cd5396d0-edd9-4970-8b5f-2dffd401f5e9 |
| SCIP notification number (France) | 8c09236d-ab56-4ee9-b370-2c71656f19c7 |
| SCIP notification number (Germany) | 86280620-d899-4ecf-8182-64746ce88cb0 |
| SCIP notification number (Hungary) | bd5cb75e-5491-42bc-9021-84a4ecdc24cd |
| SCIP notification number (Italy) | 2314b654-a074-425f-8339-cd264c407b73 |
| SCIP notification number (Netherlands) | 0275b422-8480-490a-b9e5-3b735b5a211e |
| SCIP notification number (Poland) | 96dd22a6-4a63-45a8-9ede-0e84fada3ed1 |
| SCIP notification number (Romania) | 5fd93b5e-57ef-42e1-af16-d849e9cb589d |
| SCIP notification number (Sweden) | 909f1829-ca5f-4157-a5b9-77ac9bc26d3a |

## 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 757-144

## Documentation

**System Description**

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

## CAD/CAE-Data

### CAD data

2D/3D Models 757-144

### CAE data

EPLAN Data Portal
757-144

WSCAD Universe
757-144

ZUKEN Portal 757-144

# 1 Compatible Products

## 1.1 Optional Accessories

### 1.1.1 Cables and connectors

#### 1.1.1.1 Interconnecting cable



Item No.: 756-3201/120-100
Connecting cable; 12-pole; Length: 10 m



Item No.: 756-3202/120-100
Connecting cable; 12-pole; Length: 10 m



Item No.: 756-3201/120-150
Connecting cable; 12-pole; Length: 15 m



Item No.: 756-3202/120-150
Connecting cable; 12-pole; Length: 15 m



Item No.: 756-3201/120-050
Connecting cable; 12-pole; Length: 5 m



Item No.: 756-3202/120-050
Connecting cable; 12-pole; Length: 5 m

### 1.1.2 Cover

#### 1.1.2.1 Cover



Item No.: 756-8102
M12 protective cap; for unused sockets

### 1.1.3 Installation

#### 1.1.3.1 Intermediate plate



Item No.: 757-040
Spacer module for sensor/actuator box; 4-way


Continued on next page

## 1.1.4 Marking

### 1.1.4.1 Marking device



Item No.: 210-110
Fiber-tip pen

### 1.1.4.2 Marking strip



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