

## Item description

- M12 sensor/actuator box, 6-way

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



- 5-pole (2 signals per contact)
- M23 connector (19-pole)
- 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 $\Omega$
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 $\Omega$
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: inputs/outputs	6 x M12 socket; 5-pole; incl. ground
Connection technology: trunk cable	1 x M23 plug; 19-pole

### Physical data

Width	60 mm / 2.362 inches
Height	34 mm / 1.339 inches
Depth	123 mm / 4.843 inches

### Mechanical Data

Mounting type	Screw mounting
Weight	195 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 $\mu$ m gold-plated;

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



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 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

eCl@ss 10.0	27-44-01-11
eCl@ss 9.0	27-44-01-08
ETIM 8.0	EC003558
ETIM 7.0	EC002585
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821054337
Customs tariff number	85366990990

## Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	48d7bc4c-ba6a-4f20-87c3-6607daea1108
SCIP notification number (Belgium)	250b57dd-919b-4eb7-9964-b5badafdf951
SCIP notification number (Bulgaria)	e1fcbbd2-263a-42d4-9090-27cae372fac5
SCIP notification number (Czech Republic)	61339c62-c903-4020-9bdb-ef52e9c8814d
SCIP notification number (Denmark)	8ddb1b9e-a2d6-4982-b549-7746043bb3d2
SCIP notification number (Finland)	31fe8553-98f0-4391-9f19-5092180ffd65
SCIP notification number (France)	de61bf34-9c96-426c-923f-b3e8419576c1
SCIP notification number (Germany)	e67143f1-6df1-4eae-b682-85d4c121b2f4

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


WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.

SCIP notification number (Hungary)	3b07d83d-82cd-4dbe-9286-4f1a9193d628
SCIP notification number (Italy)	b2e3c96c-37a9-45e2-96a1-6114875371c7
SCIP notification number (Netherlands)	4bb3eac7-0a24-49df-bab7-30416c219c23
SCIP notification number (Poland)	c616ebfe-11ba-46cc-8bf4-36c7295209f6
SCIP notification number (Romania)	3f060f5d-aa61-4ac1-b8b9-6e577a32f31a
SCIP notification number (Sweden)	e1532ffe-4edb-4c9e-aa5f-bd49ba45cd39

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

## Optional accessories

### Cover

Cover		
	<b>Item no.: 756-8102</b> M12 protective cap; for unused sockets	<a href="http://www.wago.com/756-8102">www.wago.com/756-8102</a>

### Mounting

Intermediate plate		
	<b>Item no.: 757-060</b> Spacer module for sensor/actuator box; 6-way	<a href="http://www.wago.com/757-060">www.wago.com/757-060</a>

### Marking accessories

Marking strip		
	<b>Item no.: 757-011</b> Marker card; not stretchable; snap-on type	<a href="http://www.wago.com/757-011">www.wago.com/757-011</a>

### Marking devices

Marking devices		
	<b>Item no.: 210-110</b> Fiber-tip pen	<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>

### Cables and pluggable connectors

Interconnecting cable		
	<b>Item no.: 756-3203/190-050</b> Connecting cable; 19-pole; Length: 5 m	<a href="http://www.wago.com/756-3203/190-050">www.wago.com/756-3203/190-050</a>

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



**Item no.:** 756-3203/190-100  
Connecting cable; 19-pole; Length: 10 m

[www.wago.com/756-3203/190-100](http://www.wago.com/756-3203/190-100)



**Item no.:** 756-3203/190-150  
Connecting cable; 19-pole; Length: 15 m

[www.wago.com/756-3203/190-150](http://www.wago.com/756-3203/190-150)



**Item no.:** 756-3204/190-050  
Connecting cable; 19-pole; Length: 5 m

[www.wago.com/756-3204/190-050](http://www.wago.com/756-3204/190-050)



**Item no.:** 756-3204/190-150  
Connecting cable; 19-pole; Length: 15 m

[www.wago.com/756-3204/190-150](http://www.wago.com/756-3204/190-150)



**Item no.:** 756-3204/190-100  
Connecting cable; 19-pole; Length: 10 m

[www.wago.com/756-3204/190-100](http://www.wago.com/756-3204/190-100)

## Downloads

### Documentation

#### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
---	------------------------	---------------	----------

#### System Description

Sensor/Actuator Boxes – General Product Information		pdf 438.6 kB	Download
---	--	-----------------	----------

## CAD/CAE-Data

### CAE data

WSCAD Universe 757-165		URL	Download
------------------------	--	-----	----------

ZUKEN Portal 757-165		URL	Download
----------------------	--	-----	----------

EPLAN Data Portal 757-165		URL	Download
---------------------------	--	-----	----------

### CAD data

2D/3D Models 757-165		URL	Download
----------------------	--	-----	----------

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



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 757-165

URL

Download

M12 sensor/actuator box; 6-way; 5-pole; M23 connector

---

## Installation Notes

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

---

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.