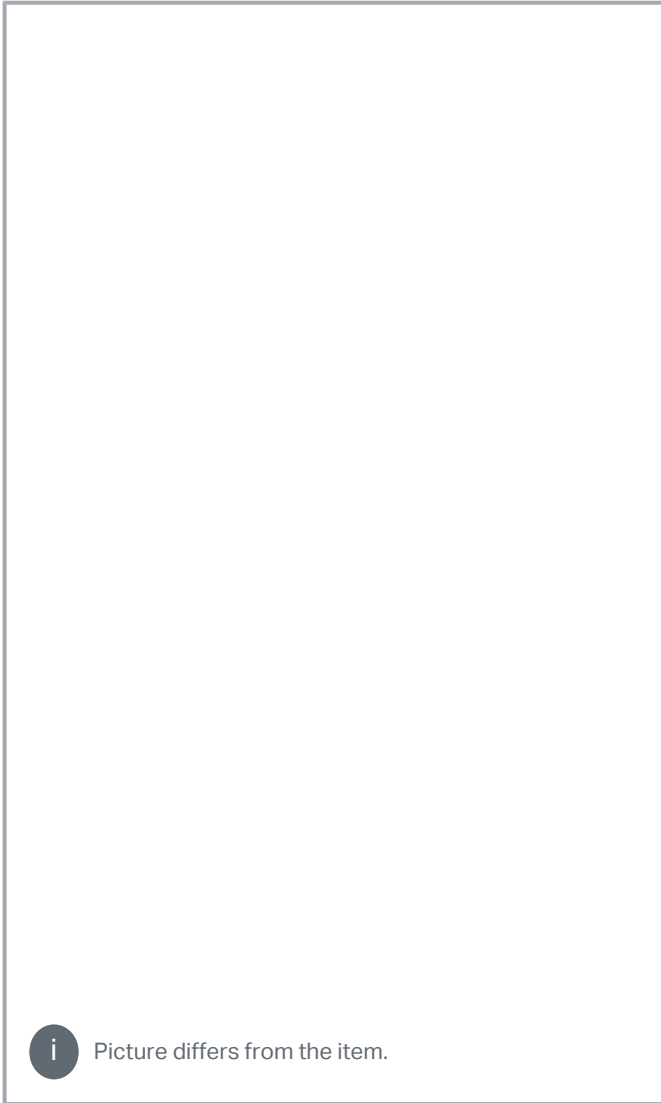


Data sheet | Item number: 757-165

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

[www.wago.com/757-165](http://www.wago.com/757-165)



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

WAGO Kontakttechnik 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.



### Item description

- M12 sensor/actuator box, 6-way
- 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)

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



## 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

Anschluss technik: Ein-/Ausgänge	6 x M12 socket; 5-pole; incl. ground
Anschluss technik: Stammleitung	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
---------------	----------------

### 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; 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 $^{\circ}$ C
Protection type	IP67

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Note on protection type	per EN 60529 (NEMA 6 & 6P) in fully locked position with its plugs or protective caps
Pollution degree (5)	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 Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4050821054337
Customs tariff number VKOrg Germany	85366990990

### Approvals / Certificates

#### General approvals

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

### Compatible products

#### Cables and pluggable connectors

Interconnecting cable		
Item no.: 756-3203/190-050	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>
Item no.: 756-3203/190-100	Connecting cable; 19-pole; Length: 10 m	<a href="http://www.wago.com/756-3203/190-100">www.wago.com/756-3203/190-100</a>
Item no.: 756-3203/190-150	Connecting cable; 19-pole; Length: 15 m	<a href="http://www.wago.com/756-3203/190-150">www.wago.com/756-3203/190-150</a>

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



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)

## Cover

### Cover

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

[www.wago.com/756-8102](http://www.wago.com/756-8102)

## Mounting

### Intermediate plate

Item no.: 757-060  
Spacer module for sensor/actuator box; 6-way

[www.wago.com/757-060](http://www.wago.com/757-060)

## Marking accessories

### Marking strip

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

[www.wago.com/757-011](http://www.wago.com/757-011)

### Marking devices

Item no.: 210-110  
Fiber-tip pen

[www.wago.com/210-110](http://www.wago.com/210-110)

## Downloads

### Documentation

#### Additional Information

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

#### System Description

Sensor/Actuator Boxes – General Product Information	pdf	Download
	330.4 kB	

## CAD/CAE-Data

### CAE data

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

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WSCAD Universe 757-165	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 757-165	<a href="#">URL</a>	<a href="#">Download</a>
EPLAN Data Portal 757-165	<a href="#">URL</a>	<a href="#">Download</a>
<b>CAD data</b>		
2D/3D Models 757-165	<a href="#">URL</a>	<a href="#">Download</a>

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 757-165	<a href="#">URL</a>	<a href="#">Download</a>
M12 sensor/actuator box; 6-way; 5-pole; M23 connector		

## Installation Notes

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