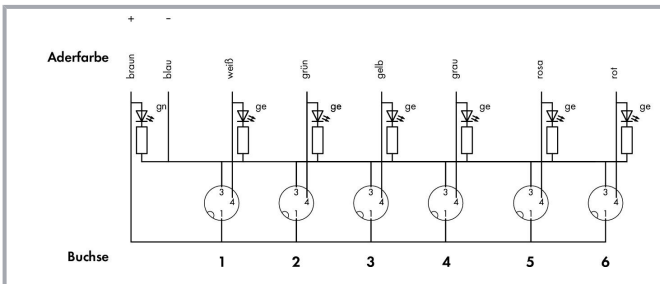
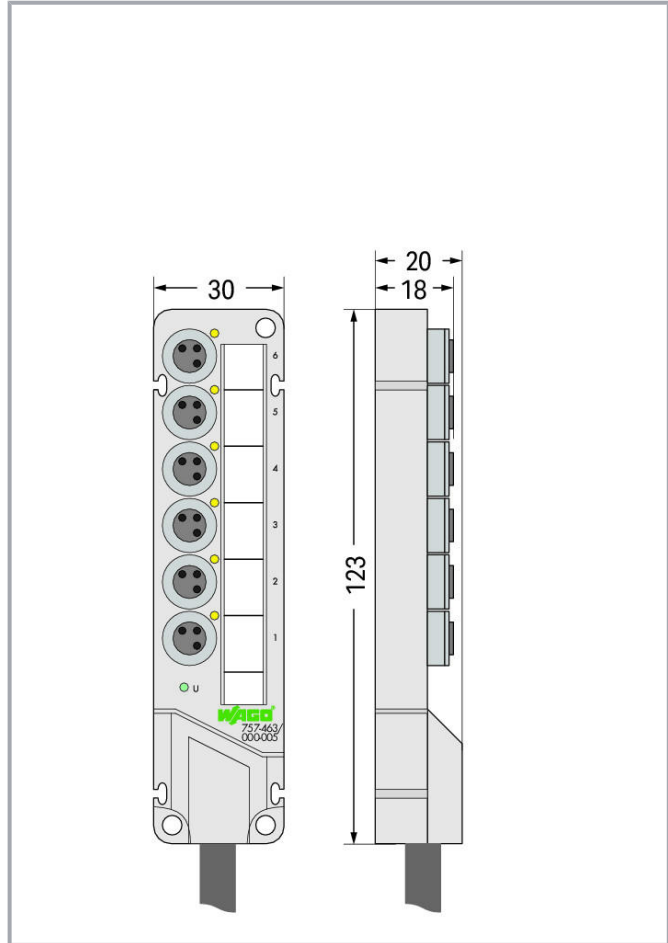


**i** Picture differs from the item.



## Item description

- M8 sensor/actuator box, 6-way

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.



- 3-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. marker strips (WMB markers can also be used)
- incl. M8 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)	6 A
Rated value of electrical isolation	500 V
Functionally separated potential groups	Kontakt/Kontakt
Insulation resistance	1000 M $\Omega$
Signal characteristic	PNP
Indicators	LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status

### Connection data

Connection technology: inputs/outputs	6 x M8 socket; 3-pole
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connecting cable	10 m
Strip length	100 mm / 3.94 inch
Wire colors	white, green, yellow, gray, pink, red, brown, blue
Cable design	Wire cross-section: 0.34 mm <sup>2</sup> ; Wire cross-section 2: 0.75 mm <sup>2</sup>

### Physical data

Width	30 mm / 1.181 inch
Height	20 mm / 0.787 inch
Depth	123 mm / 4.843 inch

### Mechanical data

Mounting type	Screw mounting
---------------	----------------

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

## 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


Surrounding air temperature (operation)	-25 ... 80 °C
Surrounding air (operating) temperature (dynamic)	-5 ... +80 °C
Surrounding air (operating) temperature (static)	-40 ... +80 °C
Protection type	IP68
Note on protection type	72 h at a depth of 1 m under water per EN 60529 in the 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

PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918978620
Customs tariff number	85366990990

## Approvals / Certificates

### UL-Approvals

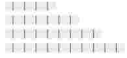

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

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



## Optional accessories

### Marking accessories

Marking strip			
	<b>Item no.: 757-061</b>		<a href="http://www.wago.com/757-061">www.wago.com/757-061</a>
	Marking strips; cut to a defined length; not stretchable; plain; snap-on type		
Marking device			
	<b>Item no.: 210-110</b>		<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>
	Fiber-tip pen		

## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
--	---------	-----------------	----------

#### System Description

Sensor/Actuator Boxes – General Product Information		pdf 537.3 kB	Download
---	--	-----------------	----------

## CAD/CAE-Data

### CAD data

2D/3D Models 757-463/000-010		URL	Download
------------------------------	--	-----	----------

### CAE data

EPLAN Data Portal 757-463/000-010		URL	Download
-----------------------------------	--	-----	----------

WSCAD Universe 757-463/000-010		URL	Download
--------------------------------	--	-----	----------

ZUKEN Portal 757-463/000-010		URL	Download
------------------------------	--	-----	----------

EPLAN Data Portal 757-463/000-010		URL	Download
-----------------------------------	--	-----	----------

WSCAD Universe 757-463/000-010		URL	Download
--------------------------------	--	-----	----------

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.



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 757-463/000-010	URL	Download
M8 sensor/actuator box; 6-way; 3-pole; 10m connecting cable		

---

## Installation Notes

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