

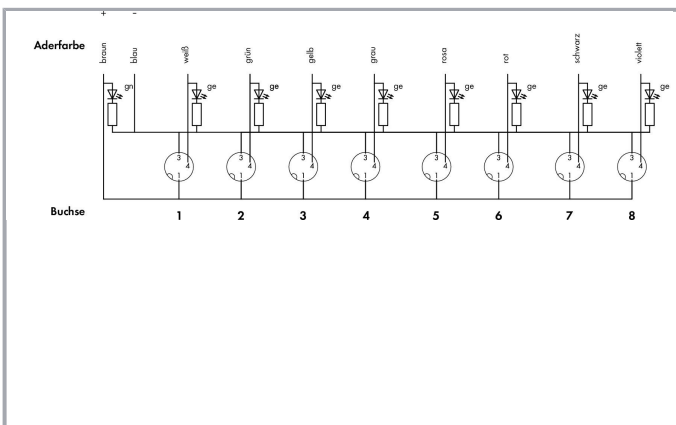
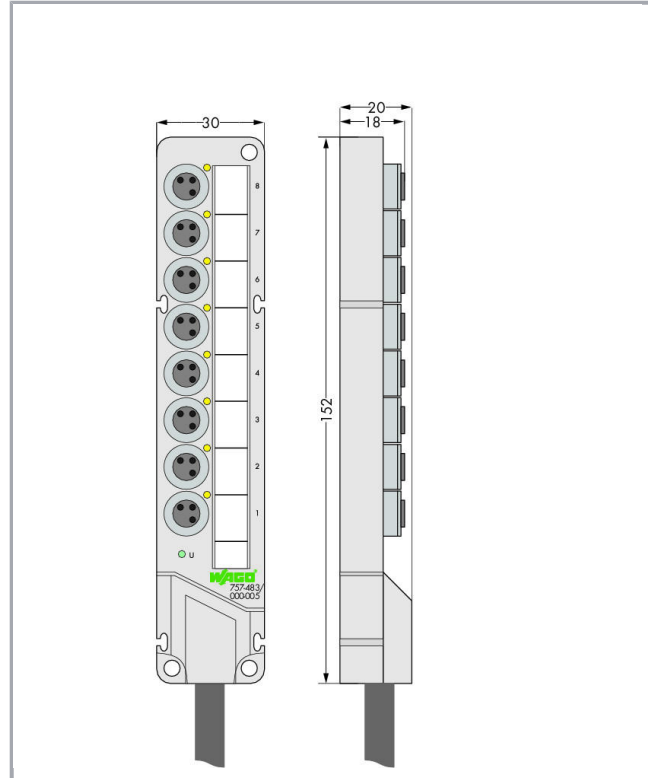
Data sheet | Item number: 757-483/000-005  
M8 sensor/actuator box; 8-way; 3-pole; 5m connecting cable



[www.wago.com/757-483/000-005](http://www.wago.com/757-483/000-005)



RoHS Compliant



**Item description**

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.



- M8 sensor/actuator box, 8-way
- 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 Ω
Supply voltage	DC 10 ... 30 V; 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 MΩ
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	8 x M8 socket; 3-pole
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connecting cable	5 m
Strip length	100 mm / 3.94 inch
Wire colors	white, green, yellow, gray, pink, red, black, purple, brown, blue
Cable design	Wire cross-section: 0,34 mm <sup>2</sup> ; Wire cross-section (2): 0,75 mm <sup>2</sup>

### Geometrical Data

Width	30 mm / 1.181 inch
Height	20 mm / 0.787 inch
Depth	152 mm / 5.984 inch

### Mechanical data

Mounting type	Screw mounting
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## Material Data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Sheathed cable diameter	7,4 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

Packaging type	BOX
Country of origin	DE
GTIN	4044918978637
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

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## Counterpart

## Compatible products

### Marking accessories

	<b>Item no.: 210-110</b> Fiber-tip pen	<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>
	<b>Item no.: 757-081</b> Marking strips; cut to a defined length; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/757-081">www.wago.com/757-081</a>

### General accessories

	<b>Item no.: 756-8101</b> M8 protective cap; for unused sockets; -	<a href="http://www.wago.com/756-8101">www.wago.com/756-8101</a>
	<b>Item no.: 757-080</b> Spacer module for sensor/actuator box; 8-way	<a href="http://www.wago.com/757-080">www.wago.com/757-080</a>

## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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#### System Description

Sensor/Actuator Boxes – General Product Information	pdf 537.3 kB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 757-483/000-005	URL	Download
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### CAE data

EPLAN Data Portal 757-483/000-005	URL	Download
WSCAD Universe 757-483/000-005	URL	Download

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## Handling Instructions

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