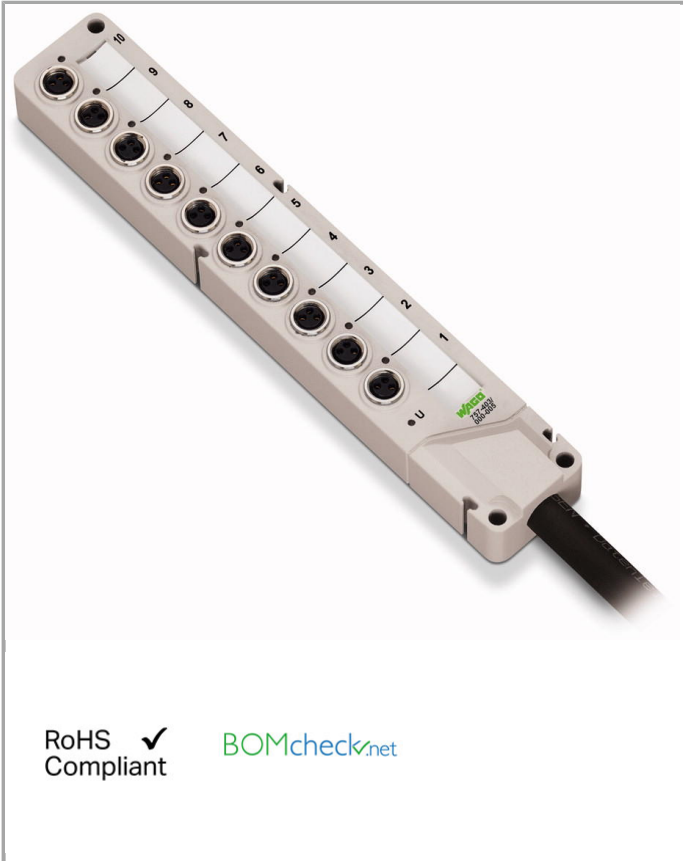


Data sheet | Item number: 757-483/000-005

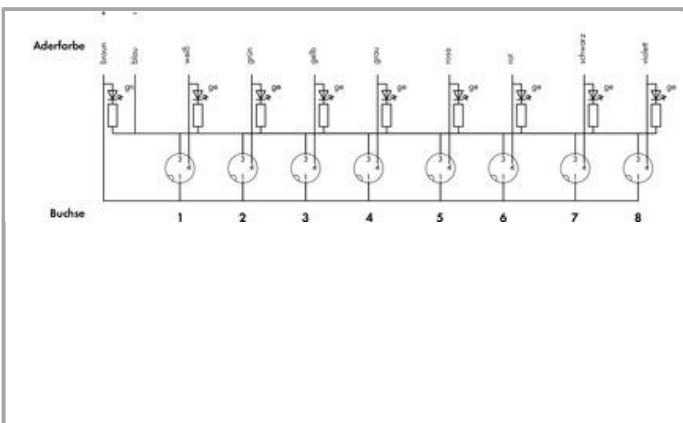
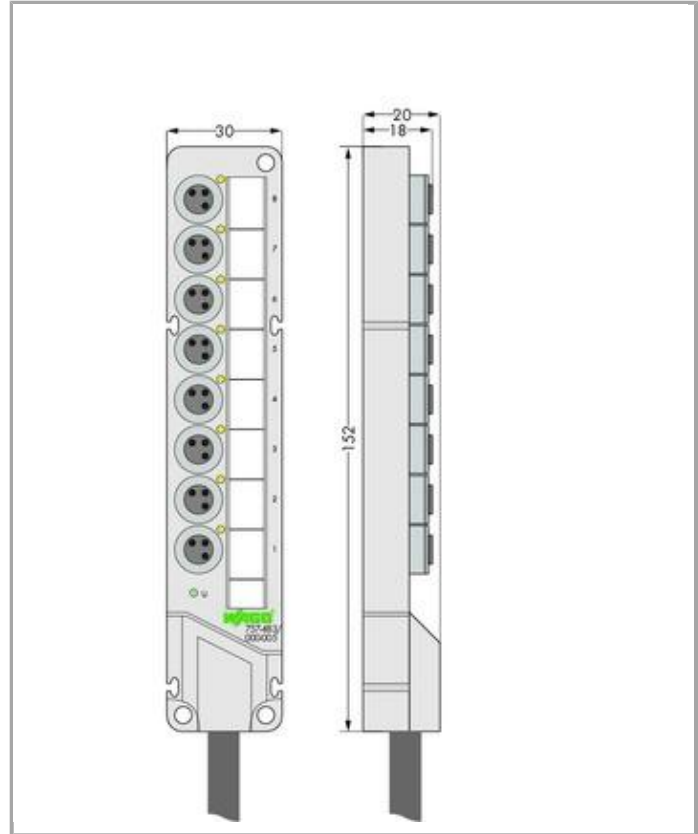
M8 sensor/actuator box; 8-way; 3-pole; 5m connecting cable

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



RoHS  
Compliant ✓

[BOMcheck.net](http://BOMcheck.net)



### Item description

- M8 sensor/actuator box, 8-way
- 3-pole (1 signal per contact)
- Cable length 5m or 10m



- Green LED operating indicator
- Yellow LED status indicator
- incl. marker strips (note: WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

## Data

### Technical Data

Contact resistance max.	0.01 $\Omega$
Supply voltage	DC 10 ... 30 V; Bemessungsspannung: 32 V ~ eff.
Stromtragfähigkeit der Signalanschlüsse	2 A
Current carrying capacity of the supply connections	6 A
Bemessungswert der galvanischen Trennung	500 V
Funktional getrennte Potentialgruppen	Kontakt/Kontakt
Isolationswiderstand	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	8 x M8 connectors, 3 poles
Anschluss technik: Stammleitung	1 x feste Anschlussleitung
Length of the connecting cable	5 m
Strip length	100 mm / 3.94 Inch
Colors of the leads	white, green, yellow, gray, pink, red, black, purple, brown, blue
Conductor cross section	Cross section of single conductor: 0.34 mm <sup>2</sup> ; Cross section of single conductor (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
Durchmesser der Mantelleitung	7.4 mm
bending radius	min. 10 x cable $\varnothing$

Materialeigenschaften der Anschlüsse	Contact: CuSn, pre-nickeled and 0.8 µm gold-plated; Tapped bush: Zn diecast nickel-plated; Seal: Viton; Connection cycles: 50
Sheath material	PUR
Color of sheathed cable	black
Potting	Fully encapsulated with conformal coating (UL 94 V0)

## Environmental Requirements


Surrounding air (operating) temperature	-25 ... 80 °C
Umgebungstemperatur (Betrieb) bewegt	-5 ... +80 °C
Umgebungstemperatur (Betrieb) ruhend	-40 ... +90 °C
Umgebungstemperatur (Betrieb) in der Schleppkette	+60 °C
Degree of protection	IP68
Degree of pollution (5)	3 acc. to VDE 0110
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27

## Commercial data

Country of origin	DE
GTIN	4044918978637
Customs Tariff No.	85366990990

## Approvals / Certificates

### UL-Approvals



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

## Compatible products

### 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>

### 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	<a href="http://www.wago.com/757-081">www.wago.com/757-081</a>



## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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#### System Description

Sensor/Actuator Boxes – General Product Information	Jun 6, 2017	357.7 kB	Download
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## smartDATA

### CAD data

3D Download 757-483/000-005	URL	Download
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Subject to changes.