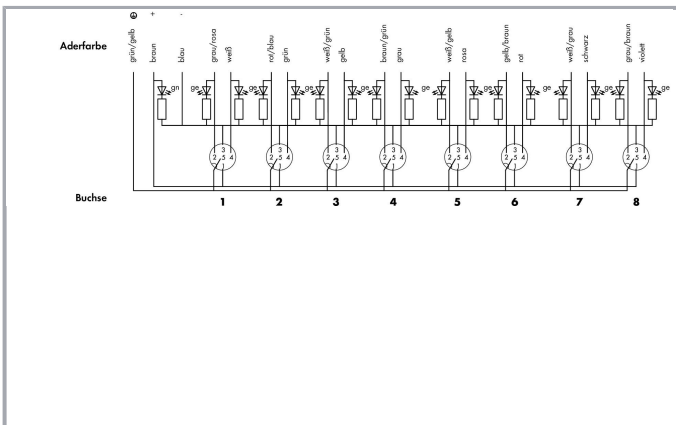


RoHS Compliant



### 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  
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Do you have any questions about our products?  
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- M12 sensor/actuator box, 8-way
- 5-pole (2 signals per contact)
- Cable length: 5, 10 and 25 m
- 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	DC 10 ... 30 V; 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 characteristic	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	8 x M12 socket; 5-pole; incl. ground
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, gray/pink, green, red/blue, yellow, white/green, gray, brown /green, pink, white/yellow, red, yellow/brown, black, white/gray, purple, gray/brown, green/yellow, brown, blue
Cable design	Wire cross-section: 0,34 mm <sup>2</sup> ; Wire cross-section (2): 1 mm <sup>2</sup>

### Geometrical Data

Width	60 mm / 2.362 inch
Height	26 mm / 1.024 inch
Depth	152 mm / 5.984 inch

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## 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	9,7 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	4045454028503
Customs tariff number	85366990990

## Approvals / Certificates

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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UL  
UL International Germany GmbH (ORDINARY  
LOCATIONS)

UL 508

E175199  
Sec.5

## Counterpart

## Compatible products

### General accessories



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

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



Item no.: 757-080  
Spacer module for sensor/actuator box; 8-way

[www.wago.com/757-080](http://www.wago.com/757-080)

### Marking accessories



Item no.: 210-110  
Fiber-tip pen

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



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

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

## 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 757-285/000-010		URL	Download
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### CAE data

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EPLAN Data Portal 757-285/000-010

URL

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WSCAD Universe 757-285/000-010

URL

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## Handling Instructions

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