

## Item description

- M8 sensor/actuator box, 6-way

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



- 3-pole (1 signal per contact)
- M16 connector (14-pole)
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking 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 characteristics	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 M16 plug; 14-pole

### Physical data

Width	30 mm / 1.181 inches
Height	26 mm / 1.024 inches
Depth	123 mm / 4.843 inches

### Mechanical Data

Mounting type	Screw mounting
Weight	116 g

### 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;

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Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating cycles

Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)
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## Environmental requirements

Ambient temperature (operation)	-25 ... +80 °C
Protection type	IP67
Note on protection type	per EN 60529 (NEMA 6 & 6P) in fully locked position with its plugs or protective caps
Pollution degree	3 per VDE 0110
Vibration resistance	per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27

## Commercial data

Product Group	23 (I/O passive and accessories)
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 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918978682
Customs tariff number	85366990990

## Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	13374f99-9bd4-4df8-925d-77a7a1184851
SCIP notification number (Belgium)	8ed7c607-df6f-4f48-bb3b-988d7831b93f
SCIP notification number (Bulgaria)	eca32d4e-4aaf-499d-b39d-c8b5cea25eaa
SCIP notification number (Czech Republic)	c31eed44-c9a7-439a-bd00-b39e3518475a
SCIP notification number (Denmark)	a6491bc3-67e0-4a7a-9728-4bd5918621ab
SCIP notification number (Finland)	520f40c9-304d-480a-8da2-2b76d5f769d4
SCIP notification number (France)	e0326911-bc62-4e2d-84ac-6a10ae4667e7

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Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.

SCIP notification number (Germany)	d97d2dcd-3d9d-49de-8235-a94a9a3a4d94
SCIP notification number (Hungary)	636712fe-1fe0-4ef2-b140-9bbd43c5e1a5
SCIP notification number (Italy)	3ac858c5-3282-43cc-a752-72852553e0c7
SCIP notification number (Netherlands)	58bbb74e-573d-4a2c-adb9-f2454e6d50a6
SCIP notification number (Poland)	ffaa08b8-8ad7-4042-8927-d09ec76d3cc4
SCIP notification number (Romania)	29b77b9d-f6eb-4464-81e9-cbc1a9c203ae
SCIP notification number (Sweden)	22b131a2-28c9-4ac7-9fed-3530b75ef46f

## Approvals / Certificates

### General approvals



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

## Optional accessories



### Mounting

Intermediate plate			
	<b>Item no.: 757-060</b> Spacer module for sensor/actuator box; 6-way		<a href="http://www.wago.com/757-060">www.wago.com/757-060</a>






### Marking accessories

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

### Cables and pluggable connectors

Interconnecting cable			
	<b>Item no.: 756-3206/140-050</b> Connecting cable; 14-pole; Length: 5 m		<a href="http://www.wago.com/756-3206/140-050">www.wago.com/756-3206/140-050</a>
	<b>Item no.: 756-3205/140-150</b> Connecting cable; 14-pole; Length: 15 m		<a href="http://www.wago.com/756-3205/140-150">www.wago.com/756-3205/140-150</a>

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	<b>Item no.: 756-3206/140-100</b> Connecting cable; 14-pole; Length: 10 m	<a href="http://www.wago.com/756-3206/140-100">www.wago.com/756-3206/140-100</a>
	<b>Item no.: 756-3206/140-150</b> Connecting cable; 14-pole; Length: 15 m	<a href="http://www.wago.com/756-3206/140-150">www.wago.com/756-3206/140-150</a>
	<b>Item no.: 756-3205/140-100</b> Connecting cable; 14-pole; Length: 10 m	<a href="http://www.wago.com/756-3205/140-100">www.wago.com/756-3205/140-100</a>
	<b>Item no.: 756-3205/140-050</b> Connecting cable; 14-pole; Length: 5 m	<a href="http://www.wago.com/756-3205/140-050">www.wago.com/756-3205/140-050</a>
<b>Cover</b>		
	<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>

## Downloads

### Documentation

#### Additional Information

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

Sensor/Actuator Boxes – General Product Information	pdf 438.6 kB	Download
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### CAD/CAE-Data

#### CAD data

2D/3D Models 757-363	URL	Download
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#### CAE data

EPLAN Data Portal 757-363	URL	Download
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WSCAD Universe 757-363	URL	Download
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ZUKEN Portal 757-363

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 757-363

[URL](#)

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## Installation Notes

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