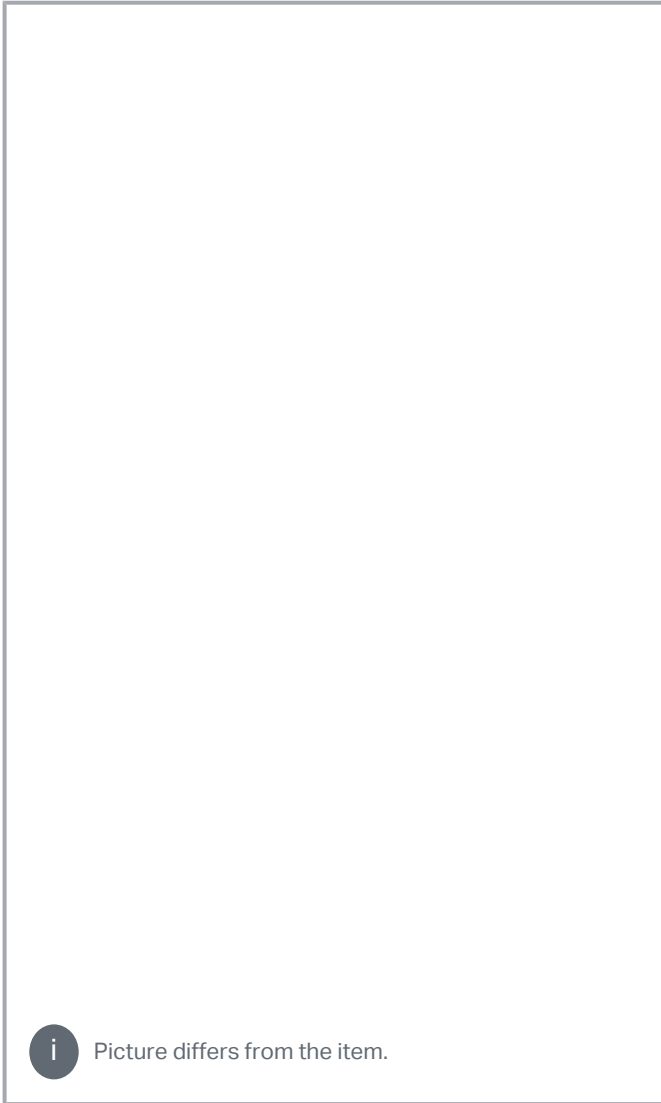


Data sheet | Item number: 757-343

M8 sensor/actuator box; 4-way; 3-pole; M16 connector

[www.wago.com/757-343](http://www.wago.com/757-343)



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

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### Item description

- M8 sensor/actuator box, 4-way
- 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)

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



## 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	$>10^9 \Omega$
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	4 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	117 mm / 4.606 inches

### Mechanical Data

Mounting type	Screw mounting
Weight	110 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 $\mu\text{m}$ gold-plated; Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating cycles
Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)

### Environmental requirements

Ambient temperature (operation)	-25 ... +80 $^{\circ}\text{C}$
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Subject to changes. Please also observe the further product documentation!



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
Recupel Type	
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918978675
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)	da7addac-0ec0-4e12-9261-7c2a65dbb6a6
SCIP notification number (Belgium)	cb633441-8f18-40f7-bef3-d10ea0f7a145
SCIP notification number (Bulgaria)	38cd60a2-a216-40de-9aeb-05f6bdd9bbdd
SCIP notification number (Czech Republic)	65d52d10-0cb2-4b2e-8ddd-d4dc2aebb184
SCIP notification number (Denmark)	2c1eb537-33a3-4a52-a64f-1545e5e196e6
SCIP notification number (Finland)	f53aef11-8186-41db-865c-67556d36abb5
SCIP notification number (France)	8d346425-3c8f-458e-af6e-6f8a7a9fafd9
SCIP notification number (Germany)	b82edaf8-0600-4cdf-9f84-a6ebc51d6370
SCIP notification number (Hungary)	9452c66b-f896-4ad7-a524-eed567bb4a3e
SCIP notification number (Italy)	64a49190-a5d6-4152-8355-292f7ba0e525
SCIP notification number (Netherlands)	30921a41-bb6f-46b3-a842-37b6d0710f13
SCIP notification number (Poland)	c29bf13c-e3c9-4269-96db-5fd7805e628a

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SCIP notification number (Romania)

81980156-e6b1-4309-9a5f-57dc63ac8f6c

SCIP notification number (Sweden)

bab6a295-19e3-4f75-b2bf-c9cc292b8c75

## Approvals / Certificates

### General approvals

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

## Optional accessories

### Cables and pluggable connectors

#### Interconnecting cable

**Item no.: 756-3206/140-050**

Connecting cable; 14-pole; Length: 5 m

[www.wago.com/756-3206/140-050](http://www.wago.com/756-3206/140-050)

**Item no.: 756-3205/140-150**

Connecting cable; 14-pole; Length: 15 m

[www.wago.com/756-3205/140-150](http://www.wago.com/756-3205/140-150)

**Item no.: 756-3206/140-100**

Connecting cable; 14-pole; Length: 10 m

[www.wago.com/756-3206/140-100](http://www.wago.com/756-3206/140-100)

**Item no.: 756-3206/140-150**

Connecting cable; 14-pole; Length: 15 m

[www.wago.com/756-3206/140-150](http://www.wago.com/756-3206/140-150)

**Item no.: 756-3205/140-100**

Connecting cable; 14-pole; Length: 10 m

[www.wago.com/756-3205/140-100](http://www.wago.com/756-3205/140-100)

**Item no.: 756-3205/140-050**

Connecting cable; 14-pole; Length: 5 m

[www.wago.com/756-3205/140-050](http://www.wago.com/756-3205/140-050)

### Cover

#### Cover

**Item no.: 756-8101**

M8 protective cap; for unused sockets

[www.wago.com/756-8101](http://www.wago.com/756-8101)

### Marking accessories

#### Marking strip

**Item no.: 757-041**

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

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Marking strips; cut to a defined length; not stretchable; plain; snap-on type

[www.wago.com/757-041](http://www.wago.com/757-041)

Marking device	
Item no.: 210-110 Fiber-tip pen	<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>
<b>Mounting</b>	
Intermediate plate	
Item no.: 757-040 Spacer module for sensor/actuator box; 4-way	<a href="http://www.wago.com/757-040">www.wago.com/757-040</a>

## Downloads

### Documentation

#### System Description

Sensor/Actuator Boxes – General Product Information	pdf 438.6 kB	Download
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#### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 757-343	URL	Download
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### CAE data

WSCAD Universe 757-343	URL	Download
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ZUKEN Portal 757-343	URL	Download
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EPLAN Data Portal 757-343	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 757-343 M8 sensor/actuator box; 4-way; 3-pole; M16 connector	URL	Download
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Subject to changes. Please also observe the further product documentation!



## Installation Notes

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