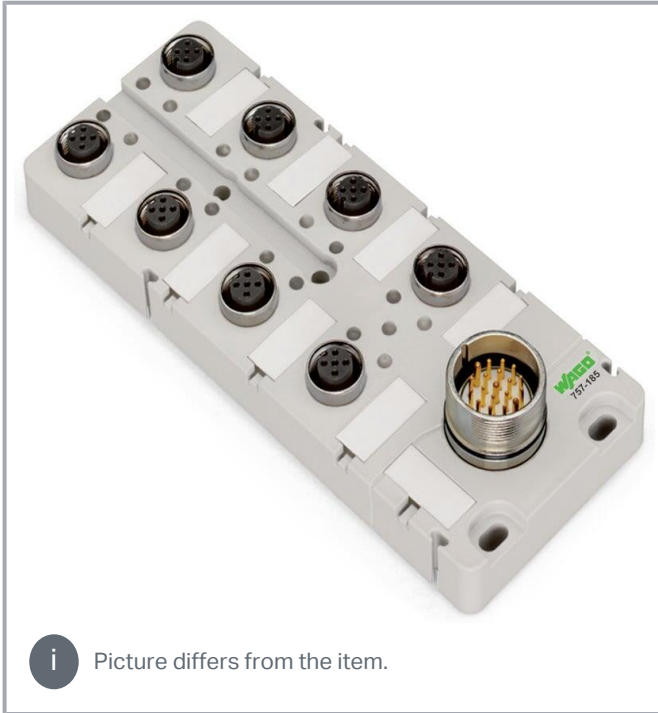


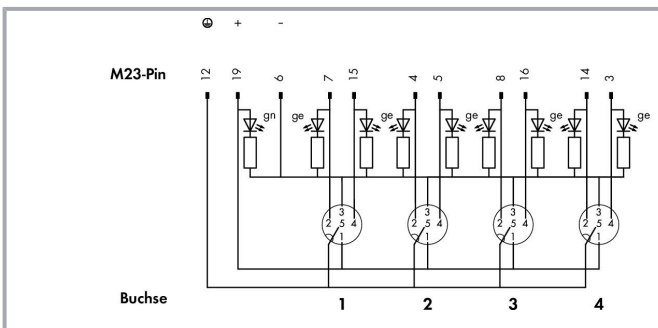
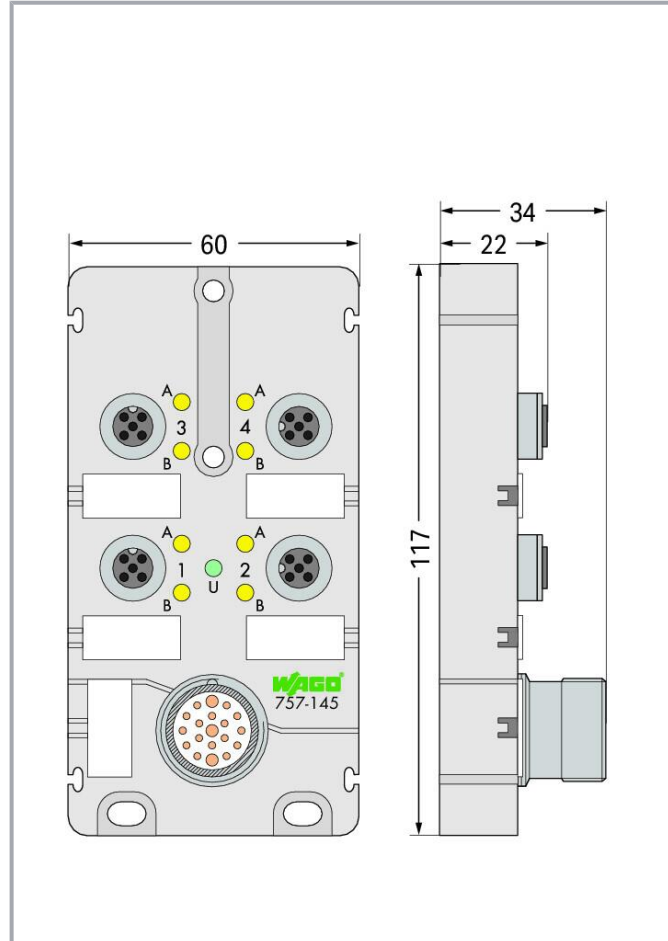
Data sheet | Item number: 757-145

M12 sensor/actuator box; 4-way; 5-pole; M23 connector

[www.wago.com/757-145](http://www.wago.com/757-145)



**i** Picture differs from the item.



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

WAGO 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)

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## Item description

- M12 sensor/actuator box, 4-way
- 5-pole (2 signals per contact)
- M23 connector (19-pole)
- 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	10 ... 30 VDC; 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 characteristics	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	4 x M12 socket; 5-pole; incl. ground
Connection technology: trunk cable	1 x M23 plug; 19-pole

### Physical data

Width	60 mm / 2.362 inches
Height	34 mm / 1.339 inches
Depth	117 mm / 4.606 inches

### Mechanical Data

Mounting type	Screw mounting
Weight	180 g

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



## 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 µm 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 °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

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	4050821054320
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)	882759e1-a36b-499b-916f-247450657de5
SCIP notification number (Belgium)	8a464a7f-2d7f-4d37-814c-83b65229c247
SCIP notification number (Bulgaria)	01a50952-e6d3-4160-b791-9509e7b97355
SCIP notification number (Czech Republic)	c7a80c68-349e-4074-ab51-a0da66affdee
SCIP notification number (Denmark)	d1f6f1b9-7cb2-4288-ab3a-000ca8a4c89c

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SCIP notification number (Finland)	7ef3e88e-d238-4f44-8175-4bd82554ba37
SCIP notification number (France)	2bf32775-7c12-4741-a83e-867965009337
SCIP notification number (Germany)	cf913ed0-f0c9-4677-ba3a-3b716098f2e7
SCIP notification number (Hungary)	50b3dc3b-ee3d-4109-b25e-e0d401b4be88
SCIP notification number (Italy)	d519106d-9736-40a3-8efc-113d7d137112
SCIP notification number (Netherlands)	5b8485e0-83b5-4ddc-828e-95f93bcdf6ed
SCIP notification number (Poland)	16955bad-7c22-4465-8f4f-20183c9f542f
SCIP notification number (Romania)	0e9c7cd0-74b2-4966-8f1d-14e9e04382ee
SCIP notification number (Sweden)	ff04c19f-a2ac-4abc-b2b0-e687f9820962

## 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.: 757-040</b> Spacer module for sensor/actuator box; 4-way		<a href="http://www.wago.com/757-040">www.wago.com/757-040</a>

### Marking accessories







Marking strip			
	<b>Item no.: 757-011</b> Marker card; not stretchable; snap-on type		<a href="http://www.wago.com/757-011">www.wago.com/757-011</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>

Cover			
Cover			
	<b>Item no.: 756-8102</b> M12 protective cap; for unused sockets		<a href="http://www.wago.com/756-8102">www.wago.com/756-8102</a>

Cables and pluggable connectors			
Interconnecting cable			

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

	<b>Item no.: 756-3203/190-050</b> Connecting cable; 19-pole; Length: 5 m	<a href="http://www.wago.com/756-3203/190-050">www.wago.com/756-3203/190-050</a>
	<b>Item no.: 756-3203/190-100</b> Connecting cable; 19-pole; Length: 10 m	<a href="http://www.wago.com/756-3203/190-100">www.wago.com/756-3203/190-100</a>
	<b>Item no.: 756-3203/190-150</b> Connecting cable; 19-pole; Length: 15 m	<a href="http://www.wago.com/756-3203/190-150">www.wago.com/756-3203/190-150</a>
	<b>Item no.: 756-3204/190-050</b> Connecting cable; 19-pole; Length: 5 m	<a href="http://www.wago.com/756-3204/190-050">www.wago.com/756-3204/190-050</a>
	<b>Item no.: 756-3204/190-150</b> Connecting cable; 19-pole; Length: 15 m	<a href="http://www.wago.com/756-3204/190-150">www.wago.com/756-3204/190-150</a>
	<b>Item no.: 756-3204/190-100</b> Connecting cable; 19-pole; Length: 10 m	<a href="http://www.wago.com/756-3204/190-100">www.wago.com/756-3204/190-100</a>

## Downloads

### Documentation

#### System Description

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

#### Additional Information

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

## CAD/CAE-Data

### CAD data

2D/3D Models 757-145	URL	Download
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### CAE data

EPLAN Data Portal 757-145	URL	Download
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WSCAD Universe 757-145

[URL](#)

[Download](#)

ZUKEN Portal 757-145

[URL](#)

[Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 757-145

[URL](#)

[Download](#)

M12 sensor/actuator box; 4-way; 5-pole; M23 connector

## Installation Notes

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