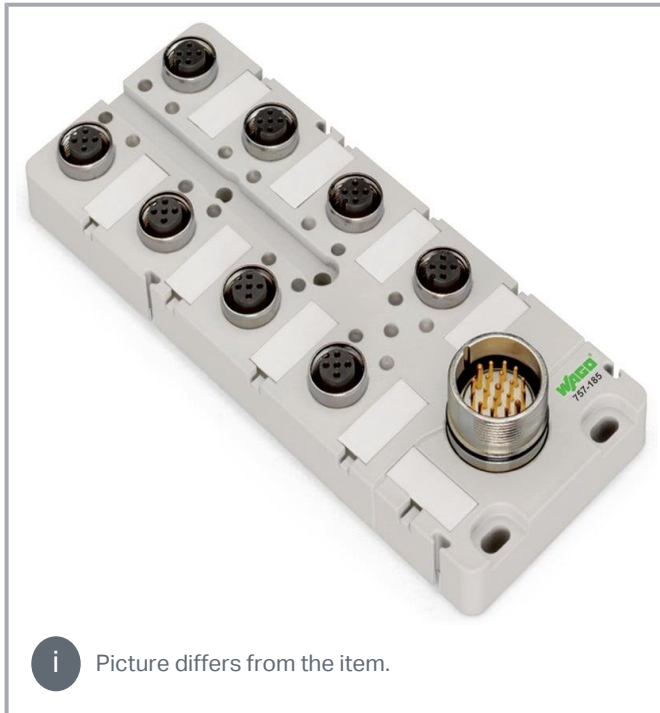


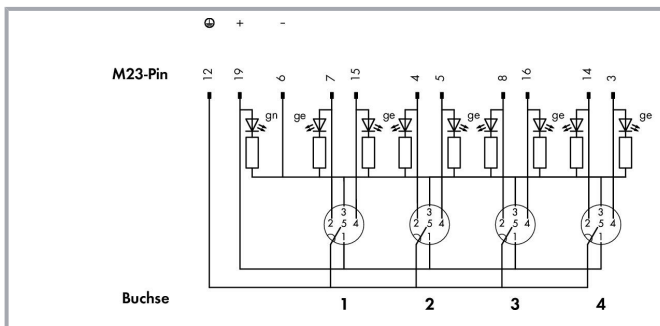
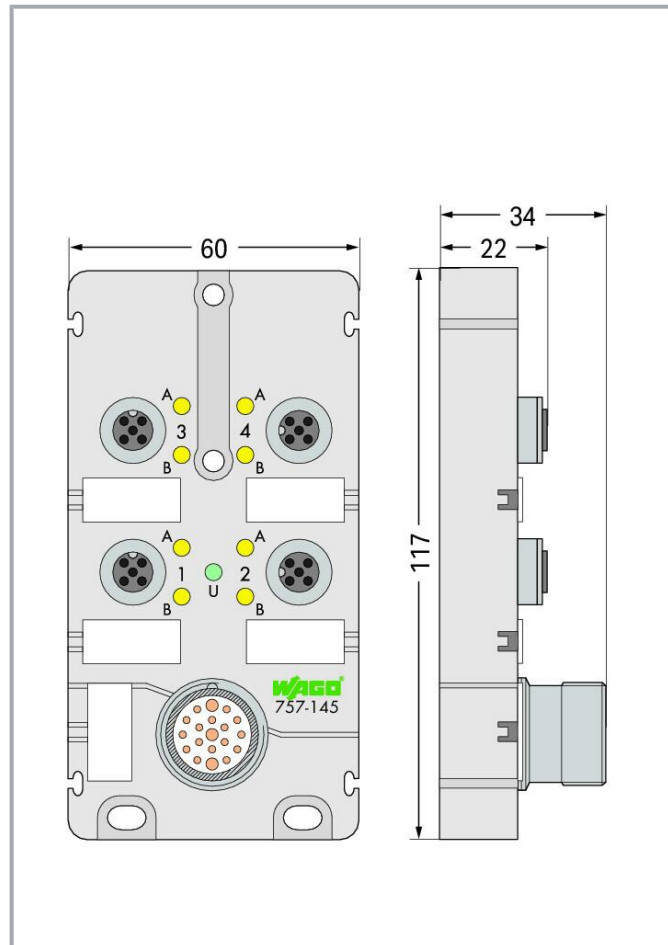
Data sheet | Item number: 757-145

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

www.wago.com/757-145



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 | Web: 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 Ω
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	$>10^9 \Omega$
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

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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
Recupel Type	
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

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SCIP notification number (Denmark)	d1f6f1b9-7cb2-4288-ab3a-000ca8a4c89c
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-95f93bcd6ed
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

Cables and pluggable connectors

Interconnecting cable

	Item no.: 756-3203/190-050 Connecting cable; 19-pole; Length: 5 m	www.wago.com/756-3203/190-050
	Item no.: 756-3203/190-100 Connecting cable; 19-pole; Length: 10 m	www.wago.com/756-3203/190-100
	Item no.: 756-3203/190-150 Connecting cable; 19-pole; Length: 15 m	www.wago.com/756-3203/190-150
	Item no.: 756-3204/190-050 Connecting cable; 19-pole; Length: 5 m	www.wago.com/756-3204/190-050
	Item no.: 756-3204/190-150 Connecting cable; 19-pole; Length: 15 m	www.wago.com/756-3204/190-150

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Item no.: 756-3204/190-100
Connecting cable; 19-pole; Length: 10 m

www.wago.com/756-3204/190-100

Mounting

Intermediate plate



Item no.: 757-040
Spacer module for sensor/actuator box; 4-way

www.wago.com/757-040

Cover

Cover



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

www.wago.com/756-8102

Marking accessories

Marking strip



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

www.wago.com/757-011

Marking device



Item no.: 210-110
Fiber-tip pen

www.wago.com/210-110

Downloads

Documentation

System Description

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

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

CAD/CAE-Data

CAD data

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

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EPLAN Data Portal 757-145	URL	Download
WSCAD Universe 757-145	URL	Download
ZUKEN Portal 757-145	URL	Download
Asset Administration Shell		
Asset Administration Shell 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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