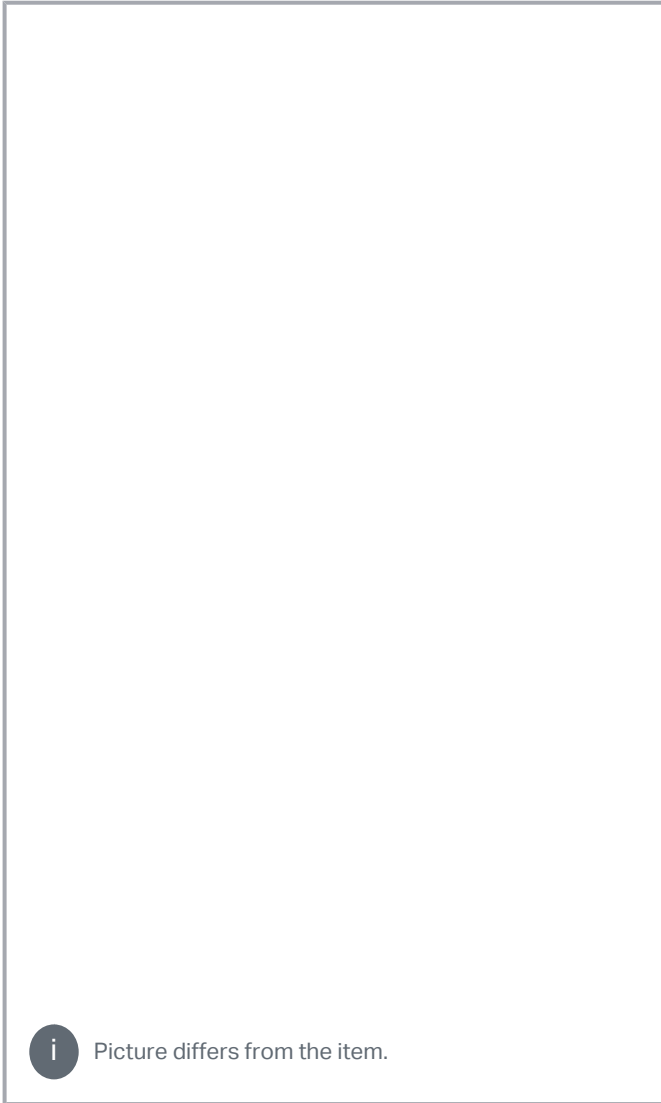


Data sheet | Item number: 757-165

M12 sensor/actuator box; 6-way; 5-pole; M23 connector

www.wago.com/757-165



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

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Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
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Item description

- M12 sensor/actuator box, 6-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)

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



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	6 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	123 mm / 4.843 inches

Mechanical Data

Mounting type	Screw mounting
Weight	195 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 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 $^{\circ}\text{C}$
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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	4050821054337
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)	48d7bc4c-ba6a-4f20-87c3-6607daea1108
SCIP notification number (Belgium)	250b57dd-919b-4eb7-9964-b5badafdf951
SCIP notification number (Bulgaria)	e1fcbbd2-263a-42d4-9090-27cae372fac5
SCIP notification number (Czech Republic)	61339c62-c903-4020-9bdb-ef52e9c8814d
SCIP notification number (Denmark)	8ddb1b9e-a2d6-4982-b549-7746043bb3d2
SCIP notification number (Finland)	31fe8553-98f0-4391-9f19-5092180ffd65
SCIP notification number (France)	de61bf34-9c96-426c-923f-b3e8419576c1
SCIP notification number (Germany)	e67143f1-6df1-4eae-b682-85d4c121b2f4
SCIP notification number (Hungary)	3b07d83d-82cd-4dbe-9286-4f1a9193d628
SCIP notification number (Italy)	b2e3c96c-37a9-45e2-96a1-6114875371c7
SCIP notification number (Netherlands)	4bb3eac7-0a24-49df-bab7-30416c219c23
SCIP notification number (Poland)	c616ebfe-11ba-46cc-8bf4-36c7295209f6
SCIP notification number (Romania)	3f060f5d-aa61-4ac1-b8b9-6e577a32f31a

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SCIP notification number (Sweden)

e1532ffe-4edb-4c9e-aa5f-bd49ba45cd39

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

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

Mounting

Intermediate plate		
	Item no.: 757-060 Spacer module for sensor/actuator box; 6-way	www.wago.com/757-060

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

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



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

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

Cover

Cover

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

www.wago.com/756-8102

Downloads

Documentation

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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System Description

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

CAE data

WSCAD Universe 757-165		URL	Download
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ZUKEN Portal 757-165		URL	Download
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EPLAN Data Portal 757-165		URL	Download
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CAD data

2D/3D Models 757-165		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 757-165 M12 sensor/actuator box; 6-way; 5-pole; M23 connector		URL	Download
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Subject to changes. Please also observe the further product documentation!



Installation Notes

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