

Item description

- M12 sensor/actuator box, 6-way

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

WAGO GmbH & Co. KG
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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.



- 4-pole (1 signal per contact)
- M23 connector (12-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	1000 M Ω
Signal characteristics	PNP
Indicators	LED (A) yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status

Connection data

Connection technology: inputs/outputs	6 x M12 socket; 4-pole; incl. ground
Connection technology: trunk cable	1 x M23 plug; 12-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 μ 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

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	4050821054290
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)	0eba7b55-0c35-4b32-9335-d0114961970e
SCIP notification number (Belgium)	1b37e433-1351-4f0c-8bbf-27350d26dd3e
SCIP notification number (Bulgaria)	8421cbb3-be38-47b8-9582-e1c2a06a90d6
SCIP notification number (Czech Republic)	7bd637ce-8944-428e-a4f8-ec23460634ee
SCIP notification number (Denmark)	e5b2ec1e-be55-4926-912c-9321a337b772
SCIP notification number (Finland)	be43c6dc-e867-4103-b7f0-3597cba464e5
SCIP notification number (France)	ef08c6cf-518c-42f3-b60b-e3babb3e4e35
SCIP notification number (Germany)	825a7886-9dd4-4dc6-911c-e943a2110070

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SCIP notification number (Hungary)	b3d2cd58-562b-4943-b2c1-5ab7be0c631b
SCIP notification number (Italy)	851bd862-c1a1-4232-bfd3-ad2dc036f93d
SCIP notification number (Netherlands)	1a2573cc-b74f-4538-8dad-ea1d93b48a2a
SCIP notification number (Poland)	0a171249-3c04-40d0-8ff7-8124285f7d1a
SCIP notification number (Romania)	d8d6cfab-adc8-4a4e-b4c8-3a2eb8e34609
SCIP notification number (Sweden)	2e3b824f-88f3-4da6-a312-b94249da3c7e

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.: 756-3202/120-150 Connecting cable; 12-pole; Length: 15 m	www.wago.com/756-3202/120-150
	Item no.: 756-3201/120-100 Connecting cable; 12-pole; Length: 10 m	www.wago.com/756-3201/120-100
	Item no.: 756-3201/120-150 Connecting cable; 12-pole; Length: 15 m	www.wago.com/756-3201/120-150
	Item no.: 756-3202/120-050 Connecting cable; 12-pole; Length: 5 m	www.wago.com/756-3202/120-050
	Item no.: 756-3202/120-100 Connecting cable; 12-pole; Length: 10 m	www.wago.com/756-3202/120-100
	Item no.: 756-3201/120-050 Connecting cable; 12-pole; Length: 5 m	www.wago.com/756-3201/120-050

Mounting

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Intermediate plate



Item no.: 757-060
Spacer module for sensor/actuator box; 6-way

www.wago.com/757-060

Marking accessories

Marking strip



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

www.wago.com/757-011

Marking devices



Item no.: 210-110
Fiber-tip pen

www.wago.com/210-110

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 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 757-164		URL	Download
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CAE data

EPLAN Data Portal 757-164		URL	Download
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WSCAD Universe 757-164		URL	Download
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ZUKEN Portal 757-164

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Environmental Product Compliance

Compliance Search

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Installation Notes

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