

Item description

- M8 sensor/actuator box, 6-way

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



- 3-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking strips (WMB markers can also be used)
- incl. M8 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)	6 A
Rated value of electrical isolation	500 V
Functionally separated potential groups	Kontakt/Kontakt
Insulation resistance	1000 M Ω
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	6 x M8 socket; 3-pole
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connection cable	5 m
Strip length	100 mm / 3.94 inches
Wire colors	white, green, yellow, gray, pink, red, brown, blue
Cable design	Wire cross-section: 0.34 mm ² ; Wire cross-section (2): 0.75 mm ²

Physical data

Width	30 mm / 1.181 inches
Height	20 mm / 0.787 inches
Depth	123 mm / 4.843 inches

Mechanical Data

Mounting type	Screw mounting
Weight	423 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
Halogen-free	Yes
Sheathed cable diameter	7.2 mm
Bending radius	10 x cable diameter (min.) for flexible application
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
Sheath material	PUR
Sheathed cable color	black
Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)

Environmental requirements

Ambient temperature (operation)	-25 ... +80 °C
Ambient (operating) temperature (dynamic)	-5 ... +80 °C
Ambient (operating) temperature (static)	-40 ... +80 °C
Protection type	IP68
Note on protection type	72 h at a depth of 1 m under water per EN 60529 in the 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	27-44-01-08
eCl@ss 9.0	27-44-01-08
ETIM 8.0	EC002585
ETIM 7.0	EC002585
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918978613
Customs tariff number	85366990990

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead

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


Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	f2d3e329-c2a1-4ff2-b213-3bba2a1ec5fc
SCIP notification number (Belgium)	c7e97ca3-9a60-406e-99b9-3671ff111e26
SCIP notification number (Bulgaria)	01e14f6c-358b-4607-bc65-424731381bdf
SCIP notification number (Czech Republic)	9645b4e6-aa04-4c0a-8952-ba9366ba1387
SCIP notification number (Denmark)	7c5f8e4d-2e6c-4df2-b4b6-eb40cdc8e979
SCIP notification number (Finland)	be1251ae-a3f0-428d-b23e-5dcbce888fb6
SCIP notification number (France)	dad94402-86d6-4e70-a109-2ee1ef75cc27
SCIP notification number (Germany)	9df93ee5-6d59-402a-87c6-c22380899814
SCIP notification number (Hungary)	936406fa-f426-4191-90df-6ec4cce27e5b
SCIP notification number (Italy)	177e1674-5e6b-4fe9-b545-922a816da0dc
SCIP notification number (Netherlands)	b010862f-eefd-480b-9d91-4a132712e826
SCIP notification number (Poland)	b5cb45b8-533c-483d-a266-de14efbaa246
SCIP notification number (Romania)	daa19b77-deb5-4358-8ce6-ec55313897d2
SCIP notification number (Sweden)	7cc36e04-fbfc-4483-9947-26e43416ef83

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

Cover

Cover		
	Item no.: 756-8101 M8 protective cap; for unused sockets	www.wago.com/756-8101

Marking accessories

Marking strip		
	Item no.: 757-061 Marking strips; cut to a defined length; not stretchable; plain; snap-on type	www.wago.com/757-061

Marking devices

	Item no.: 210-110	www.wago.com/210-110
---	-------------------	--

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

Fiber-tip pen

Mounting

Intermediate plate



Item no.: 757-060

Spacer module for sensor/actuator box; 6-way

www.wago.com/757-060

Downloads

Documentation

System Description

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

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 757-463/000-005		URL	Download
------------------------------	--	-----	----------

CAE data

EPLAN Data Portal 757-463/000-005		URL	Download
WSCAD Universe 757-463/000-005		URL	Download
ZUKEN Portal 757-463/000-005		URL	Download
WSCAD Universe 757-463/000-005		URL	Download
EPLAN Data Portal 757-463/000-005		URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 757-463/000-005		URL	Download
--	--	-----	----------

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



M8 sensor/actuator box; 6-way; 3-pole; 5 m

Installation Notes

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.