

Item description

- M8 sensor/actuator box, 8-way
- 3-pole (1 signal per contact)

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



- 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	8 x M8 socket; 3-pole
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connection cable	10 m
Strip length	100 mm / 3.94 inches
Wire colors	white, green, yellow, gray, pink, red, black, purple, 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	152 mm / 5.984 inches

Mechanical Data

Mounting type	Screw mounting
Weight	877 g

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Material Data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Sheathed cable diameter	7.4 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	4044918978644
Customs tariff number	85366990990

Environmental Product Compliance

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

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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.



RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	a21a10b9-c989-4a67-bf34-79a38a23fff7
SCIP notification number (Belgium)	eb3eb4c0-2aa8-47fa-8bf0-5748a8851d8e
SCIP notification number (Bulgaria)	891174af-1e86-4f81-8234-026e845a56f5
SCIP notification number (Czech Republic)	911df8e0-3451-4b6b-9075-4f6dde356521
SCIP notification number (Denmark)	a7418c77-f5d9-45dd-b925-d97457d27f10
SCIP notification number (Finland)	b90b3f4f-db7c-455f-ba34-ca3d448e4ff1
SCIP notification number (France)	50435a36-7c84-4318-9be2-7ea3d9ac7c47
SCIP notification number (Germany)	18664168-ce26-442c-af76-c9aec61029d5
SCIP notification number (Hungary)	eac7df57-f054-4e17-8470-147ce0a107d0
SCIP notification number (Italy)	3352e778-9519-4a75-b6a1-636a347ab66f
SCIP notification number (Netherlands)	8529135f-7c2b-4138-935a-bd71953856dc
SCIP notification number (Poland)	e5538e0c-3b93-4acb-8e9f-8bfae2661f23
SCIP notification number (Romania)	a0007875-bb3d-4c0d-8cb0-284e59a016f0
SCIP notification number (Sweden)	73c952d5-e888-44b2-999a-e6df4193a02d

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



Item no.: 757-080
 Spacer module for sensor/actuator box; 8-way

www.wago.com/757-080

Cover

Cover



Item no.: 756-8101
 M8 protective cap; for unused sockets

www.wago.com/756-8101

Marking accessories

Marking strip

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Item no.: 757-081

Marking strips; cut to a defined length; not stretchable; plain; snap-on type

www.wago.com/757-081

Marking devices



Item no.: 210-110

Fiber-tip pen

www.wago.com/210-110

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 757-483/000-010	URL	Download
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CAE data

EPLAN Data Portal 757-483/000-010	URL	Download
WSCAD Universe 757-483/000-010	URL	Download
ZUKEN Portal 757-483/000-010	URL	Download
WSCAD Universe 757-483/000-010	URL	Download
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Environmental Product Compliance

Compliance Search

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Installation Notes

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