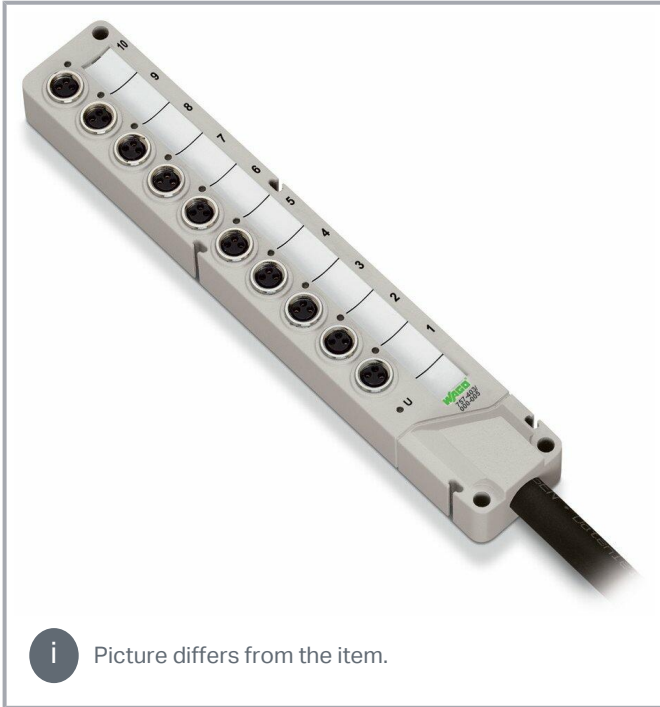
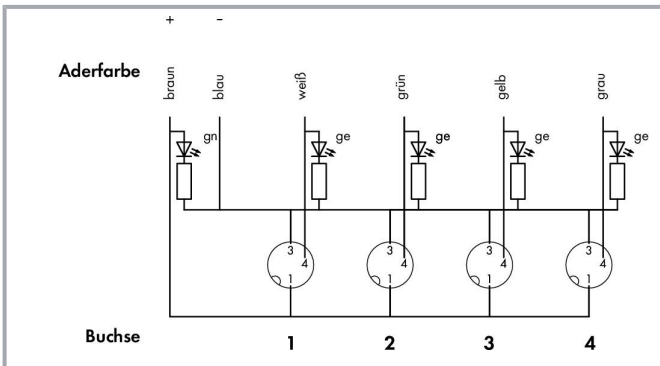
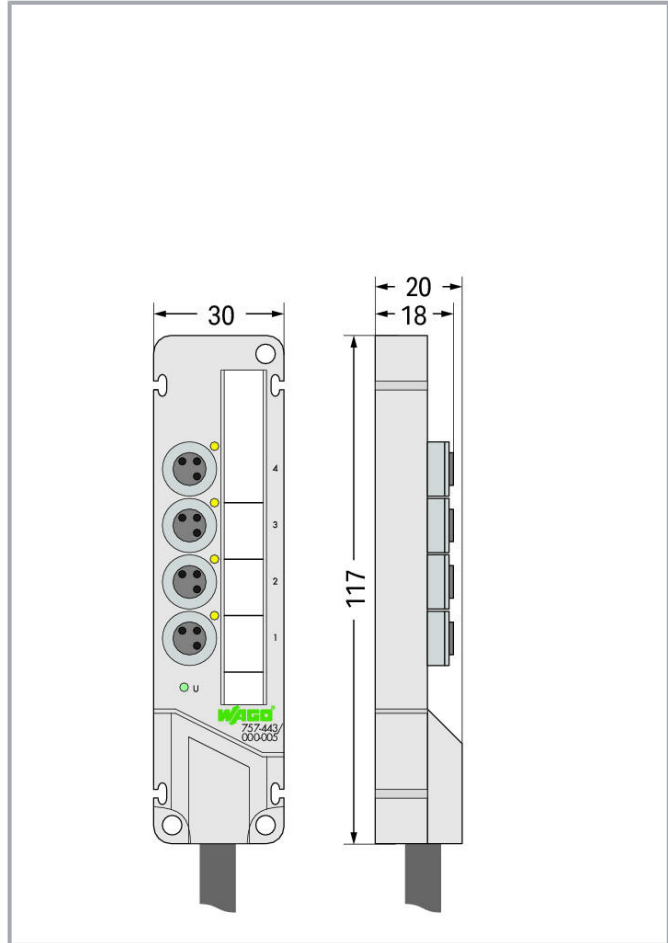


Data sheet | Item number: 757-443/000-002
M8 sensor/actuator box; 4-way; 3-pole; 2m connecting cable

www.wago.com/757-443/000-002



i Picture differs from the item.



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

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Item description

- M8 sensor/actuator box, 4-way
- 3-pole (1 signal per contact)
- 2 m cable length (open cable end, 200 mm, stripped)
- Green LED operating indicator
- Yellow LED status indicator
- incl. marker 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 characteristic	PNP
Indicators	LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status

Connection data

Connection technology: inputs/outputs	4 x M8 socket; 3-pole
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connecting cable	2 m
Strip length	200 mm / 7.87 inch
Wire colors	white, green, yellow, gray, 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 inch
Height	20 mm / 0.787 inch
Depth	117 mm / 4.606 inch

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Mechanical data

Mounting type	Screw mounting
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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	6.4 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
Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)

Environmental requirements

Surrounding air temperature (operation)	-25 ... +80 °C
Surrounding air (operating) temperature (dynamic)	-5 ... +80 °C
Surrounding air (operating) temperature (static)	-40 ... +80 °C
Surrounding air temperature (operation) in drag chain	+60 °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 (5)	3 per VDE 0110
Vibration resistance	per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27

Commercial data


PU (SPU)	1 Stück
Packaging type	box
Country of origin	QU
GTIN	4045454924492
Customs tariff number	85366990990

Approvals / Certificates

UL-Approvals


Certificate

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

Logo	Approval	Additional Approval Text	name
	UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

Optional accessories

Marking accessories

Marking strip			
	Item no.: 757-041 Marking strips; cut to a defined length; not stretchable; plain; snap-on type		www.wago.com/757-041
Marking device			
	Item no.: 210-110 Fiber-tip pen		www.wago.com/210-110

Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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System Description

Sensor/Actuator Boxes – General Product Information		pdf 537.3 kB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 757-443/000-002		URL	Download
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CAE data

EPLAN Data Portal 757-443/000-002		URL	Download
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WSCAD Universe 757-443/000-002		URL	Download
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ZUKEN Portal 757-443/000-002		URL	Download
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EPLAN Data Portal 757-443/000-002

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WSCAD Universe 757-443/000-002

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 757-443/000-002

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M8 sensor/actuator box; 4-way; 3-pole; 2m connecting cable

Installation Notes

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