

Data sheet | Item number: 757-164

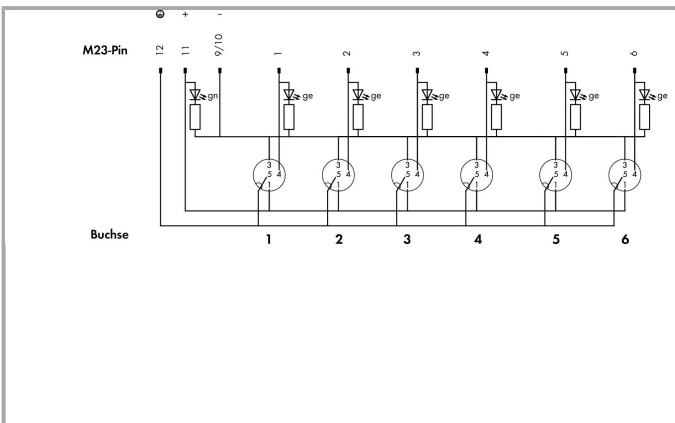
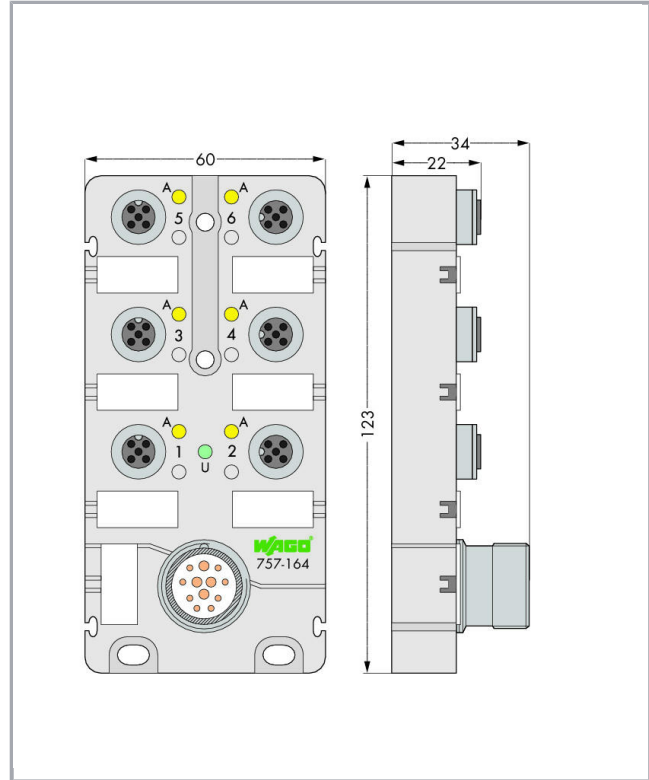
M12 sensor/actuator box; 6-way; 4-pole; M23 connector

www.wago.com/757-164



RoHS
Compliant

BOMcheck.net



Item description

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

WAGO Kontakttechnik 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.



- M12 sensor/actuator box, 6-way
- 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	DC 10 ... 30 V; Bemessungsspannung: 32 V ~ eff.
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 characteristic	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 connectors, 4 poles, incl. PE
Connection technology: trunk cable	1 x Stecker M23; 12-polig

Geometrical Data

Width	60 mm / 2.362 inch
Height	34 mm / 1.339 inch
Depth	123 mm / 4.843 inch

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
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Halogen-free	Yes
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

Surrounding air temperature (operation)	-25 ... 80 °C
Protection type	IP67
Note on protection type	per EN 60529 (NEMA 6 & 6P) 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

Packaging type	BOX
Country of origin	DE
GTIN	4050821054290
Customs tariff number	85366990990

Approvals / Certificates

UL-Approvals

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

Counterpart

Compatible products

wiring and connectors

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Item no.: 756-3201/120-050
Connecting cable; 12-pole; Length: 5 m

www.wago.com/756-3201/120-050



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.: 756-3202/120-150
Connecting cable; 12-pole; Length: 15 m

www.wago.com/756-3202/120-150

Marking accessories



Item no.: 210-110
Fiber-tip pen

www.wago.com/210-110



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

www.wago.com/757-011

General accessories



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

www.wago.com/756-8102



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

www.wago.com/757-060

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 757-164	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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Handling Instructions

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