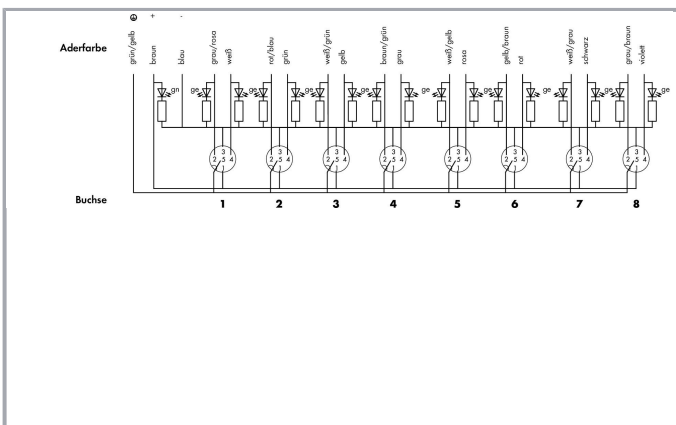


RoHS Compliant BOMcheck.net



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, 8-way
- 5-pole (2 signals per contact)
- Cable length: 5, 10 and 25 m
- 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; 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 characteristic	PNP
Indicators	LED (A, B) yellow: Signal status (2 x per contact); LED (U) green: Sensor/actuator box status

Connection data

Connection technology: inputs/outputs	8 x M12 socket; 5-pole; incl. ground
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connecting cable	5 m
Strip length	100 mm / 3.94 inch
Wire colors	white, gray/pink, green, red/blue, yellow, white/green, gray, brown /green, pink, white/yellow, red, yellow/brown, black, white/gray, purple, gray/brown, green/yellow, brown, blue
Cable design	Wire cross-section: 0,34 mm ² ; Wire cross-section (2): 1 mm ²

Geometrical Data

Width	60 mm / 2.362 inch
Height	26 mm / 1.024 inch
Depth	152 mm / 5.984 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	9,7 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

Surrounding air temperature (operation)	-25 ... 80 °C
Surrounding air (operating) temperature (dynamic)	-5 ... +80 °C
Surrounding air (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 (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	4045454028480
Customs tariff number	85366990990

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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UL
UL International Germany GmbH (ORDINARY
LOCATIONS)

UL 508

E175199
Sec.5

Counterpart

Compatible products

General accessories



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

www.wago.com/756-8102



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

www.wago.com/757-080

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

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 757-285/000-005		URL	Download
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CAE data

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EPLAN Data Portal 757-285/000-005	URL	Download
WSCAD Universe 757-285/000-005	URL	Download

Handling Instructions

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